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RIBSAM'S

GARDEN MANUAL

*A Booklet Presenting Helpful Hints Regarding the Care of the Garden,
Proper Utensils and All Things Pertaining to Plant and Vegetable Life*



Vegetable Seeds
Field Seeds
Care of the Lawn
Flowers—Trees—Plants
Lawn Necessities
Farm Machinery
Poultry Supplies
Dairy Supplies
Bee Keepers' Supplies
Water Systems
Pumps
Gas Engines
Fencing
Roofing



MARTIN C. RIBSAM

CORNER BROAD AND FRONT STREETS
WAREHOUSE, 147 EAST FRONT STREET

PHONES 111 AND 112

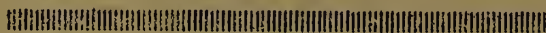
TRENTON, N. J.

1917

RIBSAM'S MANUAL

1917

In offering this catalogue we cannot help but harking back over the past forty-nine years and recalling our wonderful growth, due to the confidence of our patrons, won by our constant Hard Work, Good Service, Satisfactory Dealing and Honest Goods. These are the factors which have made our business and kept it growing year by year. This marked advance is a thing we have been working for and aiming at from the beginning, and this success naturally elates one and spurs one on to greater efforts in behalf of his patrons.



YOUR TRADE.

In soliciting your trade for 1917 I want to thank you for all former orders, and to say that if there is anything I can do to make my service better than it is to-day the same will be done. I solicit your trade on the broad ground of merit and liberal treatment. I know this will be the greatest year in the history of my store, and stand ready to give the utmost value possible which will be appreciated by my customers.

The Goods I Sell

These are the very finest obtainable. When I have found the best seeds, I test them out in my greenhouse and prove them for myself. This makes your buying so much the surer.

All Seeds are bought direct from the best growers.

All Flowers and Plants are the best Horticulture can produce.

All Trees and Shrubs are selected for their fitness in this climate.

All Implements for the farm and garden are bought from the best manufacturers, who have stood the test of years.

I know they are right before I buy them.

PLEASE NOTE.—While I do all that is possible to procure the best of seeds, I cannot hold myself responsible should any of them fail. I do not wish my customers to buy them under any other understanding. Should they do so, unknowingly, and afterwards wish to return the seeds, whatever money was paid for them will be cheerfully refunded.

When Ordering

On all seed orders in our hands before March first will be granted a 5 per cent. discount for cash.

You will greatly help us by letting us know your wants early.

Add postage for all vegetable seeds of $\frac{1}{4}$ -pound or more when it is desired to have them forwarded by mail, at the rate of 5c. per lb. and 1c. per lb. for every lb. over for distance less than 150 miles. 1 qt. seed averages 2 lbs.

All seeds by the package or ounce, as per catalogue, I mail without extra charge.

Money may be sent at my risk, WHEN MAILED IN A REGISTERED LETTER, or by post-office order. I allow customers to deduct the cost of drafts or orders from the amount to be remitted when that amount exceeds one dollar. Small sums of one dollar or less may be sent at my risk without registering.

MARTIN C. RIBSAM

STORE—N. E. Corner of South Broad and Front Streets

WAREHOUSE—No. 147 East Front Street

TRENTON, N. J.

RIBSAM'S SEED MANUAL



Standard Varieties of Tested Vegetable Seeds FOR THE GARDEN AND FARM WITH DIRECTIONS FOR CULTIVATION

We offer no Novelties, as 75 per cent. of those that are offered on the market are worthless. Some few are good old sorts re-named by dashy catalogue writers. We offer only good, tried varieties that are profitable to the Gardener, Trucker and Farmer, excellent in quality and profitable producers.

When ordering seed for Parcel Post delivery add 5c. for first lb. and 1c. for each pound thereafter for distances less than 150 miles.

ARTICHOKE.

German—Artischoke.

One ounce of Artichoke will sow 100 feet of drill and produce about 500 plants.

Sow in April, in rich soil, and transplant the following Spring to permanent beds, in rows (or hills) three feet apart and two feet between the plants. The plantation the first season will only give a partial crop, but as it is a perennial after being once planted the beds will remain in bearing for years. It should be protected in Winter by a covering of leaves or coarse manure

LARGE GREEN GLOBE, PARIS.—Best for general culture. 5c. per pkt.; 35c. per oz.; \$1.25 per ¼ lb.; \$3.50 per lb.

ASPARAGUS.

German—Spargel.

One ounce of seed will produce 200 roots and sow about 50 feet of drills. 100 roots will set a bed 12 x 40 feet, which will be large enough for ordinary family. For field culture, plant 5 to 6 feet by 1½ feet, according to soils.

Sow early in Spring, as soon as the ground will admit of working, in rows a foot apart. Keep carefully hoed and clear from weeds and the plants will be in condition to set out the succeeding Spring. The soil for the permanent beds should be thoroughly manured, and trenched to a depth of at least two feet. Plant in rows three feet apart, and one and a half feet between the plants in the rows. Spread the roots well out, and let the crown of the plant be covered about six or eight inches when established.

GIANT ARGENTEUIL, or FRENCH.—Becoming a very popular variety on account of its large, thick stalks. Very tender, and excellent flavor. 5c. per pkt.; 10c. per oz.; 20c. per ¼ lb.; 50c. per lb.



BARR'S
MAMMOTH.

BARR'S MAMMOTH.—Has very large tender stalks, of a very light color. 5c. per pkt.; 7c. per oz.; 15c. per ¼ lb.; 40c. per lb.

COLOSSAL.—The best variety. Unrivaled in size, productiveness and quality. 5c. per pkt.; 7c. per oz.; 15c. per ¼ lb.; 35c. per lb.

COLUMBIA MAMMOTH WHITE.—Stalks large and color white. Very early. 5c. per pkt.; 7c. per oz.; 20c. per ¼ lb.; 60c. per lb.

PALMETTO.—This variety is much earlier than Conover's Colossal, a good yielder, and is more even and regular in growth. Quality as good as Conover's Colossal. 5c. per pkt.; 7c. per oz.; 15c. per ¼ lb.; 40c. per lb.

ASPARAGUS ROOTS.

GIANT ARGENTEUIL.—Two-year-old roots, 50c. per 100; \$4.50 per 1,000.

COLOSSAL.—Two-year-old roots, per 100, 50c.; per 1,000, \$3.50.

BARR'S MAMMOTH.—Two-year-old roots, per 100, 50c.; 1,000, \$4.00.

PALMETTO.—Two-year-old roots, per 100, 50c.; per 1,000, \$4.00.

Ask for price on quantities of 5,000 or more roots.

BEANS—English or Broad.

German—Garten Bohne.

One quart will plant 100 feet.

This class is very hardy, and should be planted as soon as the soil is in good state in the Spring. Plant four inches apart and two inches deep, in drills four feet apart. To insure well-filled pods, pinch off the tops as soon as the lower pods begin to set.

EARLY MAZAGAN.—(Long Pod.) Matures in fifty days after germination. 50c. per qt.

BROAD WINDSOR.—Best for general use. 50c. per qt.

BEANS—Dwarf or Bush.

German—Busch Bohne.

**Inoculate this
Seed with
FARMOGERM.**

NOTICE.—Owing to the nearly absolute failure of the Green and Wax Snap Bean crop in the United States seed-growing sections, we will only be able to supply a limited quantity of this seed to each customer. Therefore, order early, and we will do our best to supply, as near as possible, your wants along with your general order.

These prices are subject to change without notice.

One quart will plant 100 to 125 feet of drill.

One bushel will seed an acre.

A succession of sowing can be made from the first week in May until the middle part of August. Plant in drills about two inches deep, and from eighteen inches to two feet apart, according to the richness of the soil; the poorer the soil the closer they can be planted. The plants should be about three inches apart.

Beans are in extremely short supply. Early ordering is advisable.

Green Pod Varieties.

FULL MEASURE.—Long, round pod, stringless, very prolific. Pods attractive green color; firm and tender. Plants erect, with dark green foliage, also blight proof. 35c. per qt.; \$2.25 per peck.

EARLY BLACK VALENTINE.—Very popular on account of its extreme hardiness and earliness. Pods long, smooth, round and bright green. They must be picked quick, as they toughen quickly. 35c. per qt.; \$2.25 per peck.

EARLY BURPEE STRINGLESS GREEN POD.—Very fine quality. Early and strong grower. One of the best round pod sorts. A good picking sort. 45c. per qt.; \$2.75 per pk.

THE GIANT PODDED STRINGLESS VALENTINE.—Distinctly superior to its parent the Early Red Valentine. The pods are borne in enormous quantities close to the center of the plant, and are not only longer but much thicker and more meaty than any of this stringless type. 45c. per qt.; \$2.75 per pk.



GIANT PODDED STRINGLESS VALENTINE.

EARLY IMPROVED RED VALENTINE.—Early, productive, tender, succulent and excellent flavor. Continues longer in the green state than most of the varieties. 35c. per qt.; \$2.25 per peck.

EARLY IMPROVED REFUGEE.—Same as the above, but earlier. 35c. per qt.; \$2.25 per peck.

EARLY LONG YELLOW SIX WEEKS.—Early and prolific. An excellent variety for general crop. 35c. per qt.; \$2.25 per peck.

LATE REFUGEE, 1,000 TO 1.—Late; very productive, tender and large. Grown for main crop. Round pod. 35c. per qt.; \$2.25 per peck.

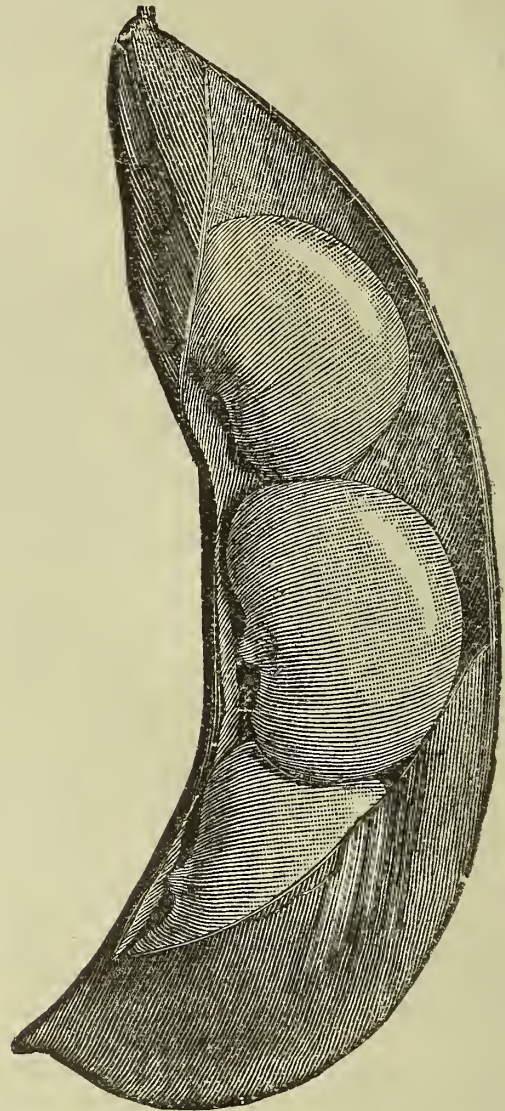
LARGE WHITE KIDNEY.—Excellent as a shell bean, green or ripe. 35c. per qt.; \$2.25 per peck.

WHITE MARROWFAT.—Extensively grown for sale in the dry state; of average quality as a string bean, but excellent shelled, either green or dry. 35c. per qt.; \$2.25 per peck.

WHITE NAVY.—Small round white winter bean. 35c. per qt.; 02.25 per peck.

Bush Lima.

FORDHOOK BUSH LIMA.—An improved Dreer's Bush Lima. Both pods and beans are larger, and bushes are more erect. The beans are thick, of large size, and fine quality. Very prolific. 35c. per qt.; \$2.25 per peck; \$8.50 per bushel.



BURPEE'S BUSH LIMA.

BURPEE'S BUSH LIMA.—The true bush form of the Large Lima Pole Bean. Beans nearly the size of Pole Limas. 30c. per qt.; \$2.00 per peck; \$7.00 per bush.

DREER'S BUSH LIMA.—The best variety of the Bush Lima sort. Enormous bearer. Pods well filled and quality of Bean unexcelled. 35c. per qt.; \$2.25 per peck; \$8.50 per bushel.

HENDERSON'S BUSH LIMA.—Produces enormous crops of delicious small LIMA BEANS, which can be as easily gathered as the common garden Bush Bean. It is at least two weeks earlier than any of the climbing Limas. 35c. per qt.; \$2.25 per peck; \$8.50 per bushel.

IMPROVED BURPEE'S BUSH LIMA.—Larger in size of pods. Bean thicker; green in color, and quality good. Improvement on Burpee Bush Limas. 35c. per qt.; \$2.25 per peck; \$8.50 per bushel.

WAX OR YELLOW—Podded Varieties

BURPEE KIDNEY WAX.—Plants erect, grows 18 to 20 inches, free from blight and rust. Pods lemon yellow, semi-round, stringless, 6 to 7 inches long and bear twice as many as Wardwell's and yields at the same time. Shows up beautifully in basket. Price, 50c. per qt.; \$3.75 per peck.

BLACK WAX OR BUTTER.—The pods, when ripe, are of a waxy yellow, transparent, very tender and delicious. An excellent variety. 50c. per qt.; \$3.75 per pk.

CURRIE'S RUST-PROOF BLACK WAX.—For earliness it is at the head of the wax bean family. Habit—upright and robust, holding the pods well from the ground. Pods long, flat and straight, of a beautiful golden color. Quality not surpassed, and for productive-ness, unequalled. 50c. per qt.; \$3.75 per peck.

HODSON WAX.—An abundant bearer of bright yellow round pods. The plants make a strong growth, are healthy and rust-proof. 50c. per qt.; \$3.75 per peck.

DAVIS KIDNEY WAX.—A white seeded Wax Bean; long, oval pods. One of the best for private use. 50c. per qt.; \$3.75 per peck.

GOLDEN-EYED WAX.—Very hardy and prolific, with flat, yellow pods. Very early and exceptionally free from rust. A very desirable and popular sort. 50c. per qt.; \$3.75 per peck.

IMPROVED GOLDEN WAX.—A flat-podded sort, but probably the best known of the yellow wax pod varieties, having become everywhere popular because of its long, showy pods, which are nearly twice the length of the old Black-Seeded Wax. 50c. per qt.; \$3.75 per peck.

KEENEY'S RUSTLESS ROUND POD WAX.—One of the best Early Round Pod varieties. 50c. per qt.; \$3.75 per peck.

PENCIL POD WAX.—Pods are long, straight, round like a pencil; fleshy, of a bright yellow color, tender, brittle and absolutely stringless; very productive. 50c. per qt.; \$3.75 per peck.

REFUGEE WAX.—This is a valuable sort for early and late sowing. It withstands drought better than any other wax bean. Pods round, very tender, of a waxy, yellow color, very productive. 50c. per qt.; \$3.75 per pk.

WARDWELL'S RUST-PROOF KIDNEY WAX.—This bean is remarkably free of rust. Pods long, broad and of delicate waxy yellow; entirely stringless. 50c. per qt.; \$3.75 per peck.

ROUND POD KIDNEY WAX.—A vigorous grower, pods fleshy, stringless and rust-proof. 50c. per qt.; \$3.75 per peck.

BEANS—Pole or Running.

German—Stangen-Bohnen.

One quart will plant about 100 hills.

These are more tender and require rather more care in the culture than the bush beans, and should be sown two weeks later than those; they succeed best in sandy loam, which should be liberally enriched with short manure in the hills, which are formed, according to the variety, from three to four feet apart; from five to six seeds are planted in each hill, about two inches deep.

OLD HOMESTEAD or KENTUCKY WONDER.—Very early and enormously productive, long green pods, hanging in clusters on the poles, are stringless and cook tender. 40c. per qt.; \$2.75 per peck; \$7.00 per bushel.

EARLY GOLDEN CLUSTER POLE WAX.—The Early Golden Cluster begins to bear early in July and continues until frost. The pods are from six to eight inches long, and are borne in clusters of from three to six, and are most freely produced. The pods are of a beautiful golden yellow color, and the flavor is most delicious. This variety can be used either shelled or as a string bean. 40c. per qt.; \$2.75 per peck.

DUTCH CASE KNIFE.—A very productive variety, and one of the earliest; sometimes used as "snap," but generally shelled. 40c. per qt.; \$2.75 per peck; \$7.50 per bushel.

LAZY WIFE'S POLE BEAN.—The pod grows from six to eight inches long, entirely stringless and of a rich buttery flavor when cooked. 40c. per qt.; \$2.75 per peck; \$7.50 per bushel.

WHITE CREASBACK.—Long green pod, snap short; very tender; pods attractive and prolific; grow five to six inches in length. 40c. per qt.; \$2.75 per peck; \$7.50 per bushel.

SCARLET RUNNER.—A great favorite in European gardens, both as an ornamental plant and a useful vegetable. It grows to the height of ten feet, producing dazzling scarlet flowers. 40c. per qt.; \$2.75 per peck; \$9.00 per bushel.

BEANS, POLE LIMA.

LIMA, DREER'S IMPROVED.—The distinctive features of this variety are early maturity, large yield and extra quality of Bean. It is claimed that it produces more shelled beans to the pole than the Large Lima. 30c. per qt.; \$2.00 per peck; \$7.50 per bushel.

LIMA, LEVIATHAN EARLY.—An exceedingly early and an enormous cropper from the start; quality fine. 30c. per qt.; \$2.00 per peck; \$7.50 per bushel.

LIMA, FORD'S GREEN MAMMOTH.—This is undoubtedly the best of all the climbing Limas, the individual beans being of enormous size, containing from five to eight Green Beans to a pod. 30c. per qt.; \$2.00 per peck; \$7.50 per bushel.

LIMA, LARGE WHITE.—This is esteemed the best of all the Pole Beans, and is almost universally grown, both for market and private use. 30c. per qt.; \$2.00 per peck; \$7.50 per bushel.

LIMA, KING OF THE GARDEN.—Large in pod, and bean very productive. 30c. per qt.; \$2.00 per peck; \$7.50 per bushel.

LIMA, SIEBERT'S EARLY.—An improvement on the large lima bean, the pods being peculiarly thin and flexible so that they are more easily opened and shelled than other beans. When in condition for use they are larger than any other variety and very handsome in shape and color. It is the earliest of the large limas. Vines are hardy and very productive; a trial will be well rewarded. 30c. per qt.; \$2.00 per peck; \$7.50 per bushel.

BEET.

German—Satatruben.

One ounce of garden varieties will sow 75 feet of drill 5 to 6 pounds to the acre.

The soil which is best suited for the culture of the Beet is that which is rather light than otherwise, always provided that it is thoroughly enriched with manure. For in early supply sow in Spring, as soon as the ground becomes fit to work, in drills about one foot apart and two inches deep. For main crop sow the first week in May, and for Winter use sow in June. When the plants have attained three or four leaves, thin out, so that they may stand eight or nine inches apart. Keep free from weeds by hand-weeding and hoeing. In October the roots may be taken up and stored, care being taken that they are not bruised or injured in the process.



EARLY EGYPTIAN, LENTZ, BASTIAN AND DETROIT DARK RED.

EARLY EGYPTIAN TURNIP, CROSBY IMP. AMERICAN STRAIN.—Earliest beet in cultivation. Color, deep crimson. Of excellent quality. 5c. per pkt.; 10c. per oz.; 30c. per ¼ lb.; \$1.00 per lb.

EARLY EGYPTIAN DARK RED.—The old standard sort. 5c. per pkt.; 10c. per oz.; 25c. per ¼ lb.; 75c. per lb.

ECLIPSE.—While it is just about as early as the Egyptian, it is better, because it is larger and of much finer quality. It makes a small top, and produces smooth-growing, perfectly round Beets, the skin and flesh of which are of dark crimson color. 5c. per pkt.; 10c. per 10c. per oz.; 30c. per ¼ lb.; \$1.00 per lb.

CRIMSON GLOBE.—Handsome second early main crop market sort. 5c. per pkt.; 10c. per oz.; 30c. per ¼ lb.; 85c. per lb.

EARLY LENTZ'S BLOOD TURNIP.—It has a very small top, and will produce a crop in six weeks from the time of planting the seed. It is very productive and a perfect keeper. 5c. per pkt.; 10c. per oz.; 25c. per ¼ lb.; 75c. per lb.

BASTIAN'S BLOOD TURNIP.—After the Egyptian Turnip, probably the earliest variety of Beet. Is of blood-red color, when boiled. 5c. per pkt.; 10c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.

EARLY BLOOD TURNIP.—The standard early sort. An excellent variety. 5c. per pkt.; 10c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.

LONG SMOOTH BLOOD-RED.—An excellent late variety. A great improvement on the common Long Blood. 5c. per pkt.; 10c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.

DETROIT DARK RED.—One of the best market gardener's variety. It is early, fine grained; remains tender longer than any other variety. 5c. per pkt.; 10c. per oz.; 30c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

SWISS CHARD, SILVER OR SEA KALE.—This variety is cultivated solely for its leaves. The mid-rib is stewed and served as asparagus, the other portions of the leaf being used as spinach. If often cut, new and more tender leaves will be reproduced. 5c. per pkt.; 10c. per oz.; 30c. per $\frac{1}{4}$ lb.; \$1.00.

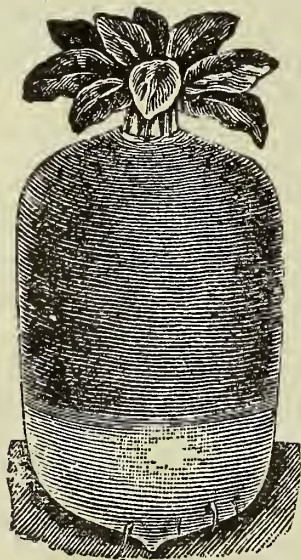
HALF LONG.—The principal points of excellence in the Half Long as distinguished from the round varieties are the vividly rich colors which characterize almost every long variety, and their peculiar adaptation for slicing, while its extreme tenderness and freedom from a rooty fibre will make it one of the leading late Winter sorts. 5c. per pkt.; 10c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.

WHITE SUGAR.—Good for late table and stock feeding; very sweet. 7c. per oz.; 15c. per $\frac{1}{4}$ lb.; 50c. per lb.

MANGEL WURZEL AND SUGAR BEET.

German—Runkelruben.

The following varieties are grown for feeding cattle and stock. Sow in April or May. Six to eight pounds per acre.



GOLDEN TANKARD.

MAMMOTH LONG RED.—This is the finest stock of Long Red Mangel in cultivation. 7c. per oz.; 15c. per $\frac{1}{4}$ lb.; 45c. per lb.

GOLDEN TANKARD.—This variety is an exceedingly popular variety in Great Britain, where it is considered particularly valuable on account of its nutritious and milk-producing qualities. Sheep have preference for this sort over other mangels. It is said that they will pick out every piece of Golden Tankard before touching others. It yields, under the best cultivation, 75 tons per acre. 7c. per oz.; 15c. per $\frac{1}{4}$ lb.; 45c. per lb.

RED GLOBE.—A variety similar to the Yellow Globe in shape and size, and differing only in color. 7c. per oz.; 15c. per $\frac{1}{4}$ lb.; 45c. per lb.

YELLOW GLOBE.—Roots of large size and globular form. Very productive. Keeps better than the Long Red, and is better adapted for growing in shallow soil. 7c. per oz.; 15c. per $\frac{1}{4}$ lb.; 45c. per lb.

BROCCOLI.

German—Spargel-Kohl.

One ounce will sow 75 feet of drill, and produce about 2,000 plants.

Nearly allied to the Cauliflower, but more hardy; the seed should be sown in this district in the early part of May and transplanted in June; farther south the sowing should be delayed until June or July, and the transplanting accordingly, from August to October. In parts of the country where the thermometer does not fall below 20 to 25 degrees, Broccoli may be had in perfection from November until March. It succeeds best in a moist and rather cool atmosphere.

WHITE CAPE.—Heads medium size, close, compact, and of a creamy white color. One of the most certain to head. 5c. per pkt.; 35c. per oz.; \$1.25 per $\frac{1}{4}$ lb.; \$4.00 per lb.

PURPLE CAPE.—Differs only in color. 5c. per pkt.; 35c. per oz.; \$1.25 per $\frac{1}{4}$ lb.; \$4.00 per lb.

BRUSSELS SPROUTS.

German—Kohl-Sprossen.

One ounce will sow 75 feet of drill, and produce about 2,000 plants.

This is one of the best vegetables for Winter use, producing from the axils of the leaves an abundance of sprouts, resembling small cabbages, of excellent, mild flavor. It has never come into general use in this country, probably owing to its being too tender to stand the Winters of the Northern States; still, by sowing in April or May, and planting out in July, it may be had in fine condition until December, and in the Southern States may be had in use from November to March.

DWARF IMPROVED.—A variety producing compact sprouts. 5c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.



TALL FRENCH.

TALL FRENCH.—Very fine. 5c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.

CABBAGE.

German—Kopf-Kohl or Kraut.

One ounce will sow 75 feet of drill, and produce about 2,000 plants.

The early varieties of Cabbage are cultivated more extensively than any other vegetable. In latitudes where the thermometer never indicates 20 degrees below the freezing point, seed may be sown in the open border in October, and planted out on the first opening of Spring, but in our Northern States they must either be sown in hot-beds in February, or, what is still better, wintered over in cold-frames. For this purpose the seed is sown from the 10th to the 20th of September. Attention to date is important; if too soon, the plants might run to seed, and if too late, they will be too small. In four or five weeks from the time of sowing they will be fit to transplant into cold frames. In planting it is very important with Cabbage or Cauliflower that the plant is set

down to the first leaf, so that the stem is all under ground, for if exposed, it will be split by the action of the frost, and will be injured in consequence. The plants are usually set out from the middle of March to the middle of April, in rows about two feet apart, and eighteen inches between the plants in rows. The late varieties are usually sown in the early part of May, and the plants are set out in July, at a distance of three feet between the rows and two feet between the plants.

CHINESE OR PTE-SAI.—It is called cut cabbage in China, and is appearing extensively in our markets. It grows erect, not forming a head, and resembles Cos Lettuce. Its flavor is mild, and is used either as a salad or cooked. Set plants three feet apart and two feet in the row. 10c. per pkt.; 40c. per oz.; \$1.25 per ¼ lb.; \$4.50 per lb.



EARLY JERSEY WAKEFIELD.

EARLY JERSEY WAKEFIELD.—Extensively grown in all parts of the country as the best and most profitable early variety in cultivation; an extra fine stock. 5c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.50 per lb.

EARLY SPRING.—This variety is of early Summer type, but about one-fifth smaller. It can be planted as close as twenty-one inches apart, owing to its few short outer leaves. Its great value lies in the fact that it is the first early flat cabbage. 5c. per pkt.; 20c. per oz.; 60c. per ¼ lb.; \$2.00 per lb.

COPENHAGEN EARLY MARKET.—An excellent early variety. Matures at about the time of Charleston Wakefield. Heads very large and round. Leaves light green, head very heavy and it is a very uniform cropper. 5c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.50 per lb.

EARLY CHARLESTON, OR LARGE TYPE OF WAKEFIELD.—The *Largest and Best First-Early Cabbage*. This stock was selected from one of the best stocks of Wakefield, a large type, which is now so fixed in its character that we can offer it with confidence to those desiring a Cabbage of this kind. 5c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.50 per lb.

HENDERSON'S EARLY SUMMER.—It is about ten days later than the Wakefield, but being of fully double the size it may be classed as the best large early Cabbage. 5c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.50 per lb.

EARLY FLAT DUTCH.—A valuable early variety; largely grown in the vicinity of New York. 5c. per pkt.; 20c. per oz.; 60c. per ¼ lb.; \$2.00 per lb.

EARLY WINNINGSTADT.—An excellent sort; heads of large size; one of the best for general use. 5c. per pkt.; 20c. per oz.; 60c. per ¼ lb.; \$2.00 per lb.

ALL SEASON.—Suitable to plant any time, early or late. A sure leader. 5c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.50 per lb.

SUCCESSION.—The Succession we regard as the most valuable variety that has been introduced since the Early Summer. It is the best Cabbage for either early or late use ever offered. The Succession is about one week later than the Early Summer, but it is double the size, and is so finely bred that in a field of ten acres every head was a magnificent, perfect specimen, fit for exhibition purposes. 5c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.50 per lb.

AUTUMN KING.—A distinct strain of late Cabbage, which is highly spoken of by all market gardeners who have thus far tested it. The heads are of enormous size and very solid. 5c. per pkt.; 20c. per oz.; 60c. per ¼ lb.; \$2.00 per lb.

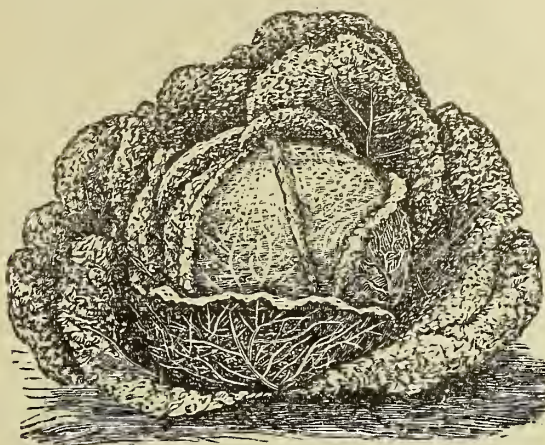
DANISH BALL HEAD.—A very handsome and extremely hardy imported Cabbage, which is growing in popularity in America, having proven one of our best Winter sorts; it thrives well on thin soils and in highly exposed situations. Heads not quite as large as the Late Flat Dutch, but very hard, round, fine grained, and will weigh one-fourth more than other varieties of equal size. 5c. per pkt.; 20c. per oz.; 60c. per ¼ lb.; \$2.00 per lb.

SUREHEAD.—A good all-round late Cabbage. 5c. per pkt.; 20c. per oz.; 60c. per ¼ lb.; \$2.00 per lb.

PREMIUM LATE FLAT DUTCH.—(Selected stock; American grown.) A popular and much esteemed variety, of superior quality. 5c. per pkt.; 20c. per oz.; 60c. per ¼ lb.; \$2.00 per lb.

SELECTED PREMIUM LATE FLAT DUTCH.—To this we have only to add that the seed offered has been grown from heads uniform in size, large and solid. Those who buy it for the first time will find it to be one of the most satisfactory strains of late Cabbage they have ever used. 5c. per pkt.; 20c. per oz.; 60c. per ¼ lb.; \$2.00 per lb.

LARGE LATE DRUMHEAD.—Grows to a large size, with round, compact heads. 5c. per pkt.; 20c. per oz.; 60c. per ¼ lb.; \$2.00 per lb.



DRUMHEAD SAVOY.

DRUMHEAD SAVOY.—The largest heading sort; of excellent flavor. 5c. per pkt.; 20c. per oz.; 60c. per ¼ lb.; \$2.00 per lb.

RED DUTCH.—Used almost exclusively for pickling. 5c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.50 per lb.

MAMMOTH ROCK RED.—This is by far the best, largest and surest heading red Cabbage ever introduced. The plant is large, with numerous spreading leaves. The head is large, round, very solid and of deep color inside, as well as outside. Ninety-eight per cent. of the plants will form extra fine heads. The best of the red Cabbages. 5c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.50 per lb.

CABBAGE PLANTS.

FOLLOWING EARLY SORTS.

EARLY WAKEFIELD AND EARLY SUMMER.—10c. per doz.; 65c. per 100; \$4.00 per 1,000 out of seed bed.

Transplanted plants 15c. per dozen; \$1.00 per 100.

LATE SORTS.

LANDRETH'S MARKET GARDEN, SELECTED LATE FLAT DUTCH, AUTUMN KING, SUCCESSION.—35c. per 100; \$2.00 per 1,000.

Special prices given on lots of 5,000 or 10,000.

CARDOON.

German—Kardon.



LARGE SPANISH.

One ounce will sow 100 feet of drill.

Cardoon is grown for the midrib of the leaf, which requires to be blanched in the same manner as celery. Sow early in Spring, where the plants are to remain in drills three feet apart, an inch and a half deep, and thin out the young plants to a foot apart in the drills.

If by mail in quantities of ¼ lb. and upwards, postage must be added at the rate of 8 cents per lb.

LARGE SPANISH.—5c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.50 per lb.

CARROT.*German—Mohre Rube.**One ounce will sow 100 feet of drills; 3 pounds will seed an acre.*

The Carrot, like other root crops, delights in a sandy loam, richly tilled. For early crops sow in Spring, as soon as the ground is in good working order; for later crops, they may be sown any time until the middle of June. Sow in rows about fifteen inches apart, thinning out to three or four inches between the plants.

EARLY FRENCH FORCING.—The earliest variety; valuable for forcing; root small and of fine flavor. 5c. per pkt.; 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

EARLY SCARLET HORN.—An old favorite sort, much esteemed for early Summer use. 5c. per pkt.; 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

EARLY HALF-LONG RED.—(Stump rooted.) A variety intermediate in size and maturity between the preceding and Long Orange. 5c. per pkt.; 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

LARGE WHITE BELGIAN.—A very productive kind, grown almost exclusively for stock; grows one-third out of the ground; lower part of the root white, that above the ground, green. 5c. per pkt.; 10c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.

OX-HEART OR GUERANDE.—Early, short, thick, very smooth and handsome market sort. 5c. per pkt.; 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

RUBICON HALF-LONG ORANGE.—It is uniform in shape, and its deep red orange-colored flesh makes it the finest in quality. It is earlier than Danvers. Heavier and thicker at the shoulder. Exceedingly heavy cropper. 5c. per pkt.; 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

YELLOW BELGIAN.—When young, the roots are mild, delicate and of good flavor; when full grown, valuable for stock. 5c. per pkt.; 10c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.



DANVERS.

DANVERS.—A variety of great promise, in form midway between the Long Orange and Early Horn class. In color it is of a rich shade of orange, growing very smooth and handsome. It is claimed that this variety will yield the greatest bulk with the smallest length of root of any now grown. 5c. per pkt.; 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

LONG ORANGE IMPROVED.—The roots are of large size. Equally adapted for garden or farm culture. 5c. per pkt.; 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

CAULIFLOWER.*German—Blumen Kohl.**One ounce will sow 75 feet of drill and produce 2,500 plants.*

Any soil that will grow Cabbage will grow Cauliflower, as their requirements are almost similar. But as the product is more valuable, extra manuring and preparation of the soil will be well repaid.

The seed may be sown in September and wintered over in the same manner as described for early cabbage. Where this is not practicable, it may be had nearly as well by sowing the seeds in the hot-bed in January or February, and transplanting the plants at two or three inches apart, in boxes, or in the soil of another hot-bed, until such time as they are safe to be planted in the open ground, which, in this latitude, is usually from the 15th of March to the 10th of April. If properly hardened off, they are seldom injured by planting out too early.



HENDERSON'S EARLY SNOW-BALL.

HENDERSON'S EARLY SNOW-BALL.—It is the earliest of all Cauliflowers. Sown at the same time and under the same conditions with ten other kinds, on the 1st of March, heads of the Early Snow-Ball, measuring nine inches in diameter, are about one week earlier than any other sort. Besides this variety, every plant forms a fine head. In addition to its earliness and greater certainty to head than any other sort, its dwarf habit and short outer leaves allow it to be planted as close as 18 inches apart. For forcing, under glass, during Winter and Spring, this variety is particularly well adapted. 25c. per pkt.; \$2.00 per oz.

DRY WEATHER.—Especially adapted to dry soils and long dry seasons. Heads large and pure white. 25c. per pkt.; \$2.00 per oz.

EXTRA EARLY PARIS.—A well-known, excellent variety. 10c. per pkt.; 60c. per oz.

EXTRA EARLY DWARF ERFURT.—A favorite early market variety; large, compact heads of fine quality. 25c. per pkt.; \$2.00 per oz.

CELERIAC, OR TURNIP-ROOT CELERY.*German—Knob Sellerie.**One ounce will produce 3,000 plants.*

A variety of celery having turnip-shaped roots, which may be cooked and sliced, and used with vinegar, making a most excellent salad. It is more hardy, and may be treated in the same manner as Celery.



LARGE ERFURT.

LARGE ERFURT.—5c. per pkt; 25c. per oz.; 60c. per $\frac{1}{4}$ lb.; \$2.35 per lb.

CELERY.*German—Sellerie.**One ounce will sow 100-foot row, and produce 3,000 plants.*

Sow in open ground as soon as it is fit to work, late in March or early in April. Keep clear of weeds until time for transplanting, in June or July. The tops should

be shorn off once or twice before transplanting to insure stocky plants. When from four to six inches high, transplant into broad, shallow trenches nearly on the level, three feet apart, and six inches in the rows. The soil should be light, highly manured and moist, or near water, as the plants must be freely watered in dry weather. Earthing up should not be begun until the plants are quite well grown; then earth up gradually, keeping the leaf-stocks close together, so that the earth may not fall into the center of the plant. Never earth up in wet weather or when the dew is on the plant. Celery for very late use which is earthed or bunched up early is liable to rust. When severe cold weather comes on, cover with leaves, hay or straw, and place boards on the top to keep out moisture. The covering must be put on gradually, else there will be danger of heating and consequent decay.

EARLY PINK PLUME.—A strong, healthy, compact grower, with no tendency to rust. Stems very solid and crisp, extra early and a long keeper, remaining, when properly trenched, in perfect condition away into Spring. It possesses a rich, nutty flavor, with stocks of ivory white, suffused with dainty pink, which not only delight the eye, but tempt the palate of the epicure. 5c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.

GOLDEN YELLOW SELF-BLANCHING.—(French Strain.) This variety of Celery is of a yellowish green color, but as they mature the inner stems and leaves turn a beautiful golden yellow, which adds much to their attractiveness and makes the work of blanching much easier. The handsome color, crispness, tenderness, freedom from stringiness, and fine nutty flavor of this variety make it only necessary to be tried in order to establish it as the standard of excellence as an early sort. 10c. per pkt.; \$1.25 per oz.; \$4.00 per $\frac{1}{4}$ lb.; \$15.00 per lb.

GIANT PASCAL.—A green sort, very brittle, but crisp and nutty in flavor. 5c. per pkt.; 20c. per oz.; 60c. per $\frac{1}{4}$ lb.; \$1.75 per lb.

EARLY WHITE PLUME.—This Celery is valued because naturally the stalk and portions of its inner leaves and heart are white. By simply tying up the leaves and drawing up the soil with the hoe the work of bleaching is completed. It is ornamental, tender, crisp and of good flavor. 5c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.00 per lb.



SCHUMACHER.

SCHUMACHER.—Very popular among New York market gardeners. They consider it the best Winter variety; keeping quality excellent. Grows to large size, with golden-yellow heart. Very solid and crisp. 5c. per pkt.; 20c. per oz.; 60c. per $\frac{1}{4}$ lb.; \$2.00 per lb.

GOLDEN HEART—Golden Dwarf.—In size and habit of growth it is much the same as the Half-Dwarf kinds, except that, when bleached, the heart, which is large and full, is of waxy, golden yellow, rendering it a most striking and showy variety for either market or private use. It is entirely solid, and of most excellent flavor, and one of the best keepers that has ever been

known. 5c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.00 per lb.

GOLDEN SELF-BLANCHING.—"American Grown." A most valuable variety which partakes somewhat of the character of the celebrated White Plume, in as much as it does not require such high banking-up as the ordinary sort to be fit for the table. It simply needs a slight earthing-up or handling. It is a beautiful waxy, golden, color, very solid, and of a rich nutty flavor. 5c. per pkt.; 50c. per oz.; \$2.00 per $\frac{1}{4}$ lb.; \$6.00 per lb.

GIANT WHITE SOLID.—Of large size, solid and crisp. 5c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.

BOSTON MARKET.—A dwarf-growing white variety, of excellent quality. 5c. per pkt.; 15c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.50 per lb.

WINTER QUEEN.—Late half dwarf Golden Heart type, of more robust growth. Very good late market sort. 5c. per pkt.; 20c. per oz.; 60c. per $\frac{1}{4}$ lb.; \$2.00 per lb.

CELERY SEED, for flavoring, 50c. per lb.

CELERY PLANTS.

READY JULY 10th.

8,000 to 10,000 plants to the acre.

Varieties same as list of seed above. Price, 35c. per 100; \$2.50 per 1,000; and 5,000 or over, \$2.00 per 1,000.

CHICORY.

German—Chicorei.

One ounce will sow 150 feet of drill.

LARGE ROOTED.—Used to mix with, or as a substitute for coffee. Cultivation the same as the carrot. 5c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

WITLOOF CHICORY, or FRENCH ENDIVE.—Sold on most all fruit and vegetable stands during winter. Drill seed 10 inches apart in June; let plants grow until November. Take up and trim to $1\frac{1}{2}$ inches from neck, leaving 8 inches, then plant upright $1\frac{1}{2}$ inches apart in trenches 16 inches deep. Fill trench with good soil and manure. In four weeks the Endive will be ready for use and is eaten either raw or cooked. 5c. per pkt.; 20c. per oz.; 60c. per $\frac{1}{4}$ lb.; \$2.00 per lb. order.

CHERVIL.

German—Garten Kerbel.

One ounce to 150 feet of drill.

CHERVIL CURLED.—An aromatic sweet herb. The young leaves are used in soups and salads. Sow thinly in May, in drills half an inch deep, one foot apart. 5c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

CHIVES.

CHIVES (German, *Schnittlauch*).—A mild flavor of onion kind; very desirable greens for flavoring meats, soups, cottage cheese, etc. Sold in clumps, 10c. each; \$1.00 per dozen.

CORN—Sweet.

Notice.—These prices are subject to change without notice.

German—Welch Korn für Tischgebrauch.

One quart will plant 150 to 200 hills, according to the variety; 8 to 10 quarts will plant an acre; 3 bushels will sow an acre broadcast for soiling, or half that quantity in drills; 4 to 6 quarts will plant an acre of yellow field Corn in hill; one-third more in drill.

All varieties of Sweet Corn may be either sown in rows four and a half feet apart, and the seeds planted at about eight inches in the rows, or planted in hills at distances of three or four feet each way, according to the variety grown or richness of the soil in which it is planted. The taller the variety, or richer the soil, the greater should be the distance apart. We make our first plantings in this vicinity about the middle of May, and continue successive plantings every two or three weeks until the last week in July. In more southerly latitudes planting is begun a month earlier and continued a month later.

HOWLING MOB.—Ears measure from 7 to 9 inches in length. Ripens before Early Crosby's, grains are very white and sweet. Carries generally two ears to stalk and will prove a money-maker in the market. 30c. per qt.; \$2.00 per peck; \$7.50 per bushel.

EARLY ADAMS.—The earliest market corn. It is not a sweet corn, but extensively grown for its earliness. 30c. per qt.; \$2.00 per peck; \$7.50 per bushel.

GOLDEN BANTAM.—Creamy yellow; very early; delicious flavor. 35c. per qt.; \$2.50 per peck; \$9.00 per bushel.

EARLY BURLINGTON.—This is the earliest White Corn grown; ready for use in 60 days. Height of stalks, three to four feet, can be planted earlier than any Sweet Corn. 30c. per qt.; \$2.00 per peck; \$7.50 per bushel.

EARLY CHAMPION.—Ripens ahead of Crosby with much larger ears. 30c. per qt.; \$2.00 per peck; \$7.50 per bushel.

EARLY CROSBY'S SUGAR.—An excellent early variety; ears rather small; a great favorite in the markets of all large cities. 30c. per qt.; \$2.00 per peck; \$7.50 per bushel.

EARLY EGYPTIAN.—Second early, very productive, very good market gardening variety. 30c. per qt.; \$2.00 per peck; \$7.50 per bushel.

EARLY KENDEL'S GIANT.—One of the largest Earliest Sweet Corn introduced. An extra market sort. 30c. per qt.; \$2.00 per peck; \$7.50 per bushel.

EARLY PREMO.—A distinct new type of an early Sweet Corn. It is as early as the Early White Corn. Ears larger and sweet. Growers of Sweet Corn should not omit to plant this new variety of Early Sweet Corn. 30c. per qt.; \$2.00 per peck; \$7.50 per bu.

EARLY EVERGREEN.—A Second Early, it has all the good qualities of Sowell's Evergreen. It is about eight days earlier; a little shorter in the ear. Quality of the best. 30c. per quart; \$2.00 per peck; \$7.50 per bushel.

EARLY MAMMOTH.—Not quite as large as Late Mammoth; possessing same quality, but much earlier. 30c. per qt.; \$2.00 per peck; \$7.50 per bushel.

HONEY DEW.—Sweet popular Eastern variety. Exceptionally sweet; handsomely formed ears; very productive and medium early. 30c. per quart; \$2.00 per peck; \$7.50 per bushel.

MAMMOTH SUGAR.—A late variety, and one of the largest; productive and fine flavored. 30c. per quart; \$2.00 per peck; \$7.50 per bushel.

SHOE PEG.—A very sweet corn well adapted for private garden use. 35c. per quart; \$2.50 per peck; \$9.00 per bushel.

BLACK SUGAR, MEXICAN.—A variety with black grains; one of the sweetest of all kinds. 30c. per quart; \$2.00 per peck; \$7.50 per bushel.

CORN, SWEET FODDER.—(For soiling.) Sow three bushels to the acre, broadcast, or half the quantity in rills. \$4.50 per bushel.

STOWELL'S EVERGREEN.—"Eastern Stock; sweetest strain known." A late variety, of excellent quality, remaining longer in the green state than any other kind. 30c. per quart; \$2.00 per peck; \$7.50 per bushel.

POP CORN, WHITE PEARL.—3c. per ear; \$2.50 per 100 ears.

POP CORN, WHITE RICE.—3c. per ear; \$2.50 per 100 ears.

THE COUNTRY GENTLEMAN is, without doubt, the finest of all for private and market use, and greatly resembles the Shoe Peg, except the ears are twice as large, with an average of about nine inches in length, and is very productive, producing from three to four ears to a stalk. Cob is small, giving great depth to the kernels, which are of a pearly whiteness. Its fine quality makes it most desirable for the market gardener. 35c. per quart; \$2.50 per peck; \$9.00 per bushel.

CORN SALAD, or FETTICUS.

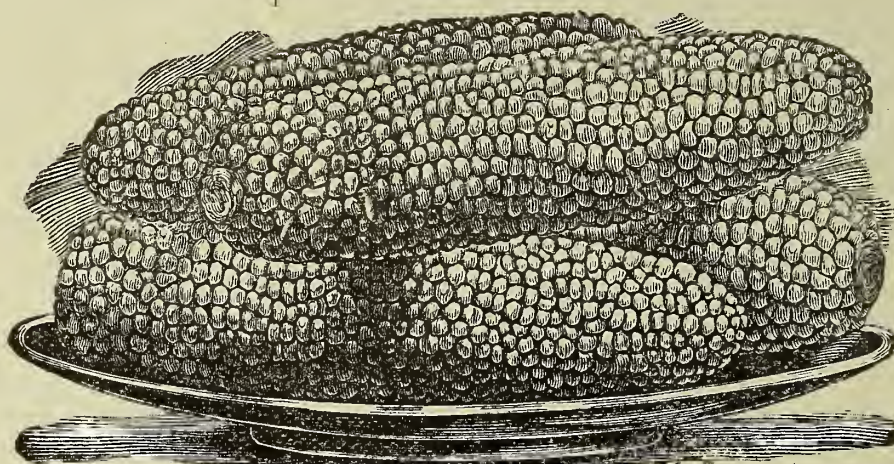
German.—Lammersalat.

One ounce will sow 125 feet of row.

A vegetable used as a salad, and sold to a considerable extent in our markets. It is sown on the first opening of Spring, in rows one foot apart, and is fit for use in six or eight weeks from time of sowing. If wanted to come in early in Spring, it is sown in September, covered up with straw or hay as soon as cold weather sets in, and is wintered over exactly as spinach.



LARGE LEAVED.—5c. per pkt.; 10c. per oz.; 35c. per 1/4 lb.; 75c. per lb.



COUNTRY GENTLEMAN.

CORN—Field.

Subject to Market Fluctuations.

German.—Welsch-Korn. Feld-Sorten.

REID'S YELLOW DENT.—Very excellent field corn, with small cob and very deep grain. This corn took first prize in the Mercer County Corn Contest. 10c. per qt.; 65c. per peck; \$2.00 per bushel.

SOUTHERN LARGE WHITE ENSILAGE.—For fodder only; a very rapid grower and heavy foliage; one of the best silo corns. 10c. per quart; 65c. per peck; \$2.50 per bushel.

PENNSYLVANIA EARLY DENT.—Reliable sort, early and vigorous; stalks short, ranging from six to eight feet; ears large and well filled. 10c. per qt.; 65c. per peck; \$2.00 per bushel.

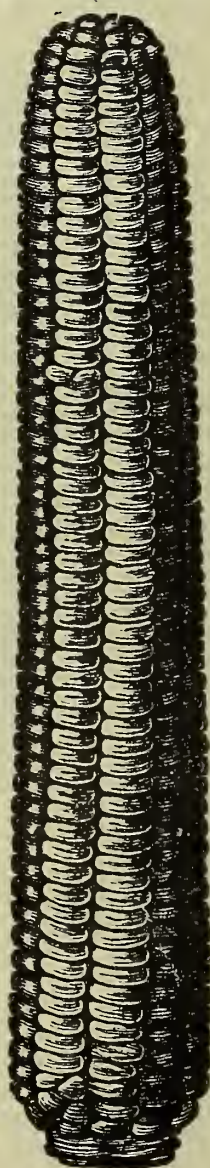
BRISTOL, EARLY.—A good, standard, early yellow corn. 10c. per qt.; 50c. per peck; \$1.75 per bushel.

GOLDEN BEAUTY.—The ears are of perfect shape, with from ten to sixteen straight rows of bright golden grains of the largest size, which are filled out to the extreme end of the cob; it is easily shelled, and is in every respect seemingly a perfect type; it is a vigorous grower, attaining eight to ten feet in height, and each stalk produces from two to three ears; matures as early as most varieties of Golden Dent, and surpasses all in size, appearance and productiveness. 10c. per qt.; 65c. per peck; \$2.50 per bushel.

GOLDEN DENT GOURD SEED.—This is a very productive and superior variety; very early; requires less strength of ground, and makes a very fine quality of meal. The grains are very deep, with small cobs. It is a vigorous grower, and very popular in sections where the soils are light and sandy. 10c. per qt.; 75c. per peck; \$2.00 per bushel.

IMPROVED LEAMING.—The earliest, most productive and handsomest Yellow Dent Corn in cultivation. 10c. per qt.; 65c. per peck; \$2.00 per bushel.

LARGE YELLOW FLINT.—Productive and of good quality. 10c. per qt.; 65c. per peck; \$2.00 per bushel.



**LARGE
YELLOW FLINT.**

WOODHULL.—One of the best standard sorts; light grain, large ear, medium size stalk, very productive. 10c. per qt.; 65c. per peck; \$2.00 per bushel.

CRESS, or PEPPER GRASS.

German—Kresse.

One ounce will sow 50 feet of row.

A well-known pungent salad. Requires to be sown thickly and covered very lightly at frequent intervals to keep up a succession as it soon runs to seed.

EXTRA CURLED.—Very fine; may be cut two or three times. 5c. per pkt.; 7c. per oz.; 15c. per ¼ lb.; 50c. per lb.

WATER CRESS.—5c. per pkt.; 25c. per oz.; \$1.00 per ¼ lb.; \$3.50 per lb.

CUCUMBER.

German—Gurke.

One ounce will plant 50 hills, two pounds will plant an acre.

Cucumbers succeed best in warm, moist, rich, loamy ground. They should not be planted in the open air until there is a prospect of settled warm weather. Plant in hills about four feet apart each way. The hills should be previously prepared by mixing thoroughly with the soil of each a shovelful of well-rotted manure. When all danger from insects is past, thin out the plants, leaving three or four of the strongest to each hill. The fruit should be plucked when large enough, whether required for use or not, as if left to ripen on the vines, it destroys its productiveness.

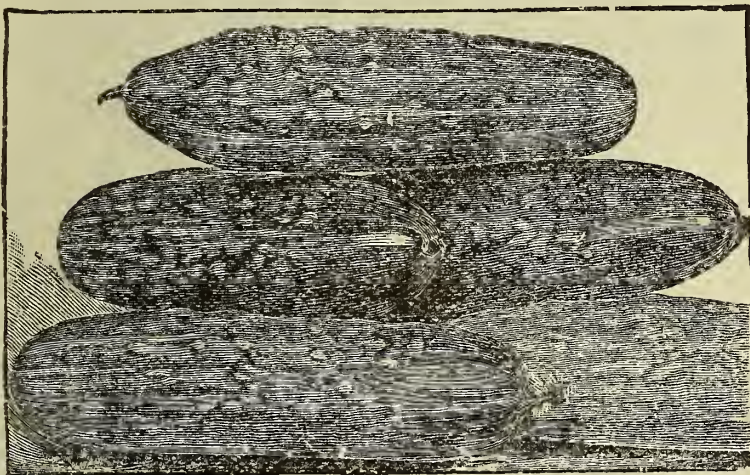
EARLY CLUSTER.

NEW DAVIS PERFECT.—Resembles a hot-house cucumber. Long, straight, dark green in color; almost seedless. Equally good for outdoors and hot-house growing. 5c. per pkt.; 10c. per oz.; 25c. per ¼ lb.; 75c. per lb.

EARLY CLUSTER.—A much-esteemed early sort; growing in clusters, and extremely productive. 5c. per pkt.; 10c. per oz.; 25c. per ¼ lb.; 65c. per lb.

EARLY FRAME.—An old and popular variety, of medium size, straight and handsome. Excellent for pickles when young. 5c. per pkt.; 10c. per oz.; 25c. per ¼ lb.; 65c. per lb.

EARLY IMPROVED WHITE SPINE.—A favorite market variety of medium size, deep green, flesh crisp and of fine flavor. 5c. per pkt.; 10c. per oz.; 25c. per ¼ lb.; 75c. per lb.



IMPROVED ARLINGTON WHITE SPINE.

EARLY IMPROVED ARLINGTON WHITE SPINE.—It is a week earlier than the Early Improved White, wonderfully prolific. It retains a beautiful green color longer than any other sort; size, medium; an elegant slicing sort. 5c. per pkt.; 10c. per oz.; 25c. per ¼ lb.; 85c. per lb.

EARLY RUSSIAN.—The earliest variety. Fruit produced in pairs; small, hardy and productive. 5c. per pkt.; 10c. per oz.; 25c. per ¼ lb.; 75c. per lb.

FORDHOOK FAMOUS.—It is said to be the finest flavor of all, most beautiful and best long Green Cucumber upon the market. Vines produce an enormous crop, being of unusually vigorous growth, with large, thick, heavy leaves, which withstand the attacks of insects. Fruit perfectly smooth and very dark green and handsome. Fruits measure 12 to 18 inches long. They are always straight, never turn yellow, and are very solid. 5c. per pkt.; 10c. per oz.; 25c. per ¼ lb.; 85c. per lb.

COOL AND CRISP "New".—A very good variety for general house use. 5c. per pkt.; 10c. per oz.; 25c. per ¼ lb.; 75c. per lb.

GREEN PROLIFIC.—A good pickling sort. 5c. per pkt.; 10c. per oz.; 25c. per ¼ lb.; 75c. per lb.

BOSTON PICKLING.—It is largely used about Boston by market gardeners. A very productive kind, of superior quality. 5c. per pkt.; 15c. per oz.; 25c. per ¼ lb.; 75c. per lb.

LONG GREEN, OR JERSEY PICKLE.—A fine, long fruit, of excellent quality, dark green, firm and crisp; very productive. 5c. per pkt.; 10c. per oz.; 25c. per ¼ lb.; 75c. per lb.

LONG GREEN TURKEY.—Late, dark green, excellent fruit, large and productive. 5c. per pkt.; 10c. per oz.; 25c. per ¼ lb.; 75c. per lb.

WEST INDIA GHERKIN, or BUR.—Used only for pickles. 5c. per pkt.; 15c. per oz.; 50c. per ¼ lb.; \$1.50 per lb.

DANDELION.

One ounce, will sow 150-foot row.

IMPROVED LARGE LEAVED.—A very early and healthful Spring salad. Sow early in the Spring, in drills, eighteen inches apart, and thin out to six inches in the drills. 5c. per pkt.; 35c. per oz.; \$1.00 per ¼ lb.; \$3.50 per lb.

EGG PLANT.

German—Eierflanse.

One ounce will produce about 1,000 plants.

The Egg Plant will thrive well in any good garden soil, but will repay good treatment. The seed should be sown in hot-beds the second week in March, care being taken to protect the young plants from cold at night. Plant out about June 1st, about two and a half feet apart. If no hot-bed is at hand, sufficient plants may be raised for a small garden by sowing a few seeds in common flower-pots or boxes in the house.

If by mail in quantities of ¼ lb. and upwards, postage must be added at the rate of 8 cents per lb.

IMPROVED NEW YORK SPINELESS.—In every respect superior to the New York Improved. The habit of the plant is low and branching, and is quite free from spines both on the plant and calyx of the fruit, which are of the largest size and most perfect form. It is earlier than either of the old varieties, therefore most valuable to the grower of this delicious vegetable. 5c. per pkt.; 35c. per oz.; \$1.25 per ¼ lb.; \$4.50 per lb.



EARLY BLACK BEAUTY.

LARGE ROUND PURPLE THORNLESS.

EARLY BLACK BEAUTY.—Earlier than any other sort. Fruit jet black, holding its black color during its maturing season. Very productive, with uniform size fruit. 5c. per pkt.; 40c. per oz.; \$1.35 per ¼ lb.; \$5.00 per lb.

THORNLESS, LARGE ROUND PURPLE.—Used both for private and market garden. An imposing variety; productive, vigorous, good in quality, often reaching a weight of twelve pounds. 5c. per pkt.; 35c. per oz.; \$1.25 per ¼ lb.; \$4.50 per lb.

EGG PLANTS (Pot Grown).**(Ready May 1st.)**

NEW YORK IMPROVED and IMPROVED NEW YORK SPINELESS.—In pots, 5c. each; 50c. per doz. Out of seed-beds, 25c. per doz.; \$1.50 per 100.

Special prices on application, in quantities.

In pots, 50c. per dozen, \$3.50 per 100.

ENDIVE.*German—Endiven.*

One ounce will sow a 100-foot row.

Endive is one of the best salads for Fall and Winter use. Sow for an early supply about the middle of April. As it is used mostly in the Fall months, the main sowings are made in June and July, from which plantations are formed one foot apart in each way, in August and September. It requires no special soil or manure, and after planting is kept clear of weeds until the plant has obtained its full size, when the process of blanching begins. This is effected by gathering up the leaves and tying them by their tips in a conical form, with bass matting. This excludes the light and air from the inner leaves, which in the course of from three to six weeks, according to the temperature at the time, become blanched. Another and simpler method consists in covering up the plants as they grow with slate or boards, which serves the same purpose—by excluding the light—as the tying up.

If by mail in quantities of ¼ lb. and upwards, postage must be added at the rate of 8 cents per pound.

GREEN CURLED.—Very hardy; leaves dark green; tender and crisp. 5c. per pkt.; 10c. per oz.; 35c. per ¼ lb.; \$1.00 per lb.

FRENCH MOSS CURLED.—From the density of its foliage, this variety is heavier than the Green Curled, equally agreeable as a salad, and either green or blanched is particularly handsome. 5c. per pkt.; 15c. per oz.; 50c. per ¼ lb.; \$1.50 per lb.

BATAVIAN BROAD LEAVED, or ESCAROLLE.—Leaves broad, light green, nearly plain, used in stews and soups. 5c. per pkt.; 10c. per oz.; 35c. per ¼ lb.; \$1.00 per lb.

**WHITE CURLED.**

WHITE CURLED.—Leaves pale green; grows to a large size; always crisp and very tender. 5c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.00 per lb.

GARLIC.*German—Knoblauch.*

Used for flavoring soups, stews and other dishes. Garlic thrives best in a light, well-enriched soil. The sets should be planted in early Spring, in rows one foot apart, and from one to five inches between the plants in the rows. The crop matures in August, when it is harvested like the onion.

If by mail in quantities of ¼ lb. and upwards, postage must be added at the rate of 8 cents per pound.

GARLIC SETS.—25c. per lb.

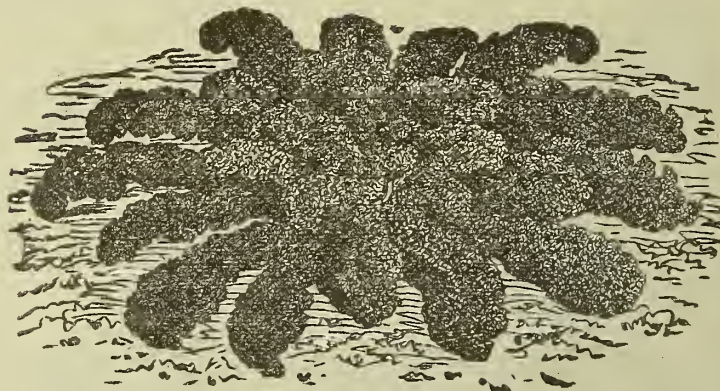
KALE, or BORECOLE.*German—Blattar Kohl.*

One ounce will produce about 2,500 plants.

Kale or borecole may be grown in almost any soil, but the richer it is the more abundant the product. Sow from the middle of April to the beginning of May, in prepared beds, covering the seeds thinly and evenly; transplant in June, and treat in the same manner as for cabbage. Of all the cabbage tribe, this is the most tender and delicate, and would be much more extensively grown than it is if its excellent qualities were generally known. The varieties are all extremely hardy, and are best when touched by frost.

**GREEN CURLED SCOTCH.**

GREEN CURLED SCOTCH.—A rather dwarf variety, growing about eighteen inches in height, but spreading under good cultivation to three in diameter. Leaves of a bright green, beautifully curved. 5c. per pkt.; 10c. per oz.; 35c. per ¼ lb.; 75c. per lb.

**DWARF GERMAN GREEN.**

DWARF GERMAN GREEN.—5c. per pkt.; 7c. per oz.; 15c. per ¼ lb.; 50c. per lb.

SIBERIAN CURLED.—This variety grows a little larger and coarser than the preceding. The leaves are not so deeply curled, and are of a bluish-green color. Very hardy. 5c. per pkt.; 7c. per oz.; 15c. per ¼ lb.; 50c. per lb.

KOHL—RABI.*German—Kohl Rabi.*

One ounce will produce about 2,500 plants.

A vegetable intermediate between the Cabbage and the Turnip. It is best cultivated by sowing the seed in rows in May, June and July, according to the latitude. In this district we sow through June for succession, in rows eighteen inches apart, thinning out to eight inches between the plants. It is rather difficult to transplant, and it is generally preferable to sow the whole crop from the seed and thin out where it stands, although when the weather is favorable the thinnings may be planted at the distance above named.

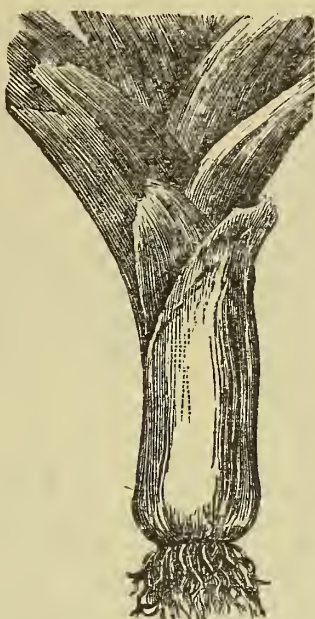
EARLY WHITE VIENNA.—Flesh white and tender. The best market sort. Excellent for table use. 5c. per pkt.; 15c. per oz.; 50c. per ¼ lb.; \$1.75 per lb.

EARLY PURPLE VIENNA.—Different from the above in color, which is of a bluish-purple. 5c. per pkt.; 15c. per oz.; 60c. per ¼ lb.; \$2.00 per lb.

LEEK.*German—Lauch.**One ounce will sow a drill of about 100 feet.*

The Leek is very hardy and easily cultivated. It succeeds best in light, but well enriched soil. Sow as early in Spring as practicable, in drills one inch deep and one foot apart. When six or eight inches high, they may be transplanted in rows ten inches apart each way, as deep as possible, that the neck, being covered, may be blanched. If fine Leeks are desired, the ground can hardly be made too rich.

LARGE AMERICAN FLAG.—A favorite market variety. 5c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

**LEEK.****LETTUCE.***German—Salat or Lettich.**One ounce will sow about 100-foot row.*

The cultivation of Lettuce is universal by all who have gardens, and from its tractable nature and freedom from nearly all insects and disease, it is manageable in the hands of everyone. For main early crop, seed may be sown in the open ground, middle of September, and transplanted to cold-frames as soon as large enough to handle, being wintered over in the same manner as early Cabbage. In dry, well sheltered spots, by covering up with leaves or litter, late in the season. Lettuce plants may be saved over Winter without glass covering, in southern parts of the country, without difficulty. The plants for setting out in the Spring are also sown in cold-frames in February and in hot-beds in March, and by carefully covering up at night, makes plants to set out in April; but these are never so good as those wintered over. For successive crops, sowings may be made in the open ground as early as Spring opens, until July.

WAYAHEAD.—Quality very fine, heads firm, excellent for both cold frames and open ground. It is the surest header of all lettuce. Outer leaves are light green, center blanches nicely. It will stand longer than any other lettuce before going to seed. 5c. per pkt.; 15c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.50 per lb.

**MAY KING.**

MAY KING.—An early hardy lettuce. One of the best varieties to plant in Fall for under-glass or early Spring forcing. Heads large and solid; of light green color; close outer leaves; one of the best market sorts 5c. per pkt.; 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

EARLY FORCING.—So named because of its adaptability for forcing under glass, forming crisp, hard heads before any other known sort has commenced to head. 5c. per pkt.; 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

BIG BOSTON.—This variety is identical in color, shape and general appearance with the famous Boston Market Lettuce, but it is double the size. It is about a week later in maturing, but its solidity and greater size of head will make it a most desirable sort. A most desirable variety either for forcing or open-ground planting. 5c. per pkt.; 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

EARLY CURLED SILESIA.—This variety, properly speaking, does not head, but forms a compact, close mass of leaves. The earliest and leading market sort. 5c. per pkt.; 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

SIMPSON, BLACK SEEDED CURLED.—Large, loose, curly head, light color, good early sort. 5c. per pkt.; 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

BOSTON MARKET.—(True.) A superb variety. Grows very compact, and is beautifully white and crisp. 5c. per pkt.; 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

GRAND RAPID.—A famous shipping Lettuce, loose headed, forcing sort. 5c. per pkt.; 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

LARGE NEW YORK.—Is of unusual size and solidity of head, mostly as solid as an early Summer Cabbage, which in general form it somewhat resembles. The variety blanches itself naturally, is crisp, tender and of excellent flavor, and always free from bitterness. It is not a forcing variety, but is one of the best for Summer use ever introduced. 5c. per pkt.; 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

LARGEST OF ALL.—A very showy sort, being a very large green cabbaging variety; heads well formed and monstrous in size. Altogether desirable, both for family use and market garden. Truckers can adopt it with confidence, as it is sure to sell on its own merits. 5c. per pkt.; 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

PHILADELPHIA DUTCH BUTTER HEAD.—A very reliable heading variety. Slow to shoot to seed, and of superior quality, highly recommended. The leaves are dotted with dusty freckles. 5c. per pkt.; 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

PARIS WHITE COS.—Forms long, upright heads of narrow leaves, which are crisp and refreshing; withstands the summer heat. 5c. per pkt.; 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

ICEBERG.—A large, hard-heading, curled variety, very crisp. 5c. per pkt.; 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

SALAMANDER.—The Salamander is the best variety for Summer use, forming good-sized, compact heads. Color, light green outside, and white on the inside. Its great merit, however, is that it will withstand drought and heat, and remain longer in head than any other variety. 5c. per pkt.; 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

BLACK SEEDED BUTTER.—Similar to Tennis Ball, but larger in all its parts. Used extensively as an out-door variety. 5c. per pkt.; 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

MARTYNIA.*One ounce will sow about a 150-foot row.*

The seed pods are used, to a considerable extent, for pickling, when gathered green and tender. Sow in the open ground, in May, transplant about two feet apart.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 8 cents per pound.

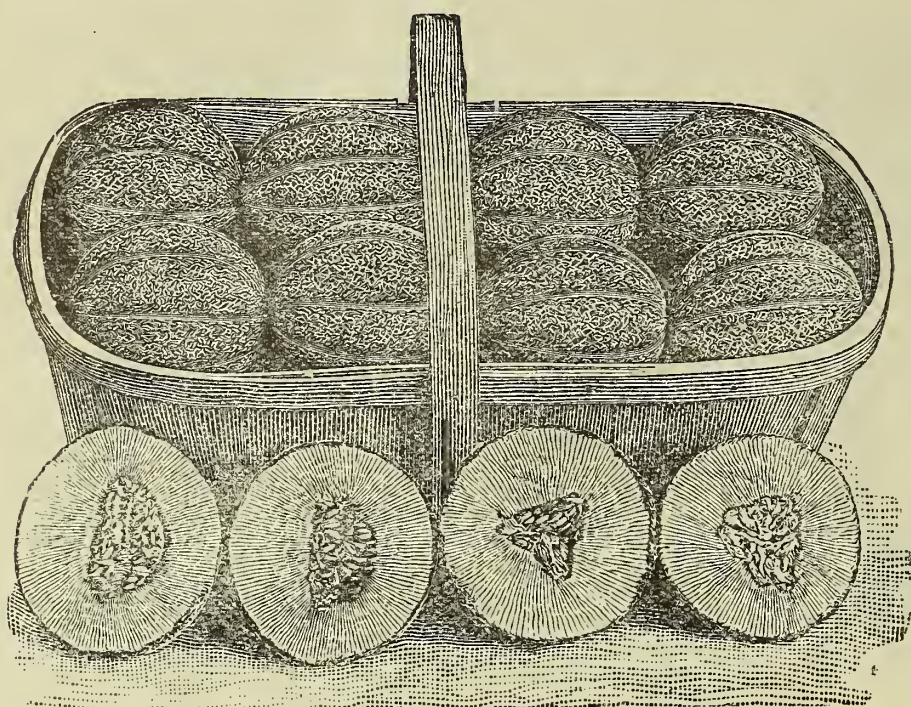
MARTYNA PROBOSCIDEA.—5c. per pkt.; 20c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.

MELON—Musk.*German—Kantaloupen.*

One ounce will plant about 75 hills; two pounds will plant an acre.

Melons thrive best in moderately enriched light soil. The hills should be six feet apart each way. Previous to planting, incorporate well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure. Plant twelve to fifteen seeds in each hill early in May, and when well up, thin out to three or four of the most promising. Pinch off the leading shoots as the growth becomes too luxuriant, and if the fruit sets out numerously, thin out when young, which will increase the size of those remaining, and cause them to ripen quicker.

FORDHOOK.—Orange flesh roughly netted, the flesh very thick, resembles Jenny Lind in shape. Vine strong, vigorous grower, branching, frequently setting five to nine melons close to hill. 10c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.



ROCKY FORD.

ROCKY FORD.—(The Great Colorado Nutmeg Melon.) Nutmeg shape, small to medium in size, pale green, finely netted, flesh green, quality very fine. 10c. per oz.; 25c. per ¼ lb.; 75c. per lb.

PAUL, ROSE, or OSAGE.—This salmon-fleshed Musk Melon surpasses anything yet introduced. The color is of a beautiful netted gray underlaid by dark green rind; the flavor is delicious; flesh, salmon, very thick and extraordinarily sweet; size of the Netted Gem. 10c. per oz.; 30c. per ¼ lb.; \$1.00 per lb.

McCLEARY'S IMPROVED JENNY LIND.—Early, larger than the old type of Jenny Lind; very rough rind; a long keeper. 10c. per oz.; 35c. per ¼ lb.; \$1.25 per lb.

JENNY LIND.—True. The earliest of the Musk Melons, of small size, but the sweetest in flavor. 7c. per oz.; 25c. per ¼ lb.; 75c. per lb.

GOLDEN JENNY.—Small, but highly prized by the most experienced growers of Melons. 7c. per oz.; 25c. per ¼ lb.; 75c. per lb.

EXTRA EARLY HACKENSACK.—A week to ten days earlier than the old Hackensack. Small foliage. Profitable for market. Most in demand in New York and Eastern markets. 10c. per oz.; 30c. per ¼ lb.; \$1.00 per lb.

HACKENSACK OR TURK'S CAP.—The most popular variety of Musk Melon grown by New York market gardeners. It attains a large size, is round in shape, flattened at the ends, is of a most delicious flavor, and wonderfully productive. 10c. per oz.; 30c. per ¼ lb.; \$1.00 per lb.

CITRON.—(Preserve.) A round, handsome fruit, of small size, used in making sweet-meats and preserves. 10c. per oz.; 30c. per ¼ lb.; \$1.00 per lb.

MILLER'S CREAM.—The flesh is of a rich salmon color, very thick, sweet and melting in quality. The rind is very thin and finely netted, resembling in shape the Pineapple. 10c. per oz.; 25c. per ¼ lb.; 75c. per lb.

MELON—Water.

German—Wassermelon.

One pound will plant from 50 to 75 hills.

Cultivate exactly as for Musk Melon, except that the hills should be just double the distance apart, namely, eight and ten feet.

TOM WATSON.—Large oblong melon, dark green skin, with thick netting; rind thin, tough; flesh bright red, very sweet. 5c. per pkt.; 10c. per oz.; 25c. per ¼ lb.; 65c. per lb.

LONG DIXIE.—Large, dark rind Melon, oblong; quality good; an excellent market sort. 7c. per oz.; 20c. per ¼ lb.; 60c. per lb.

ROUND DIXIE.—An excellent market sort; round, dark rind; a good shipper. 7c. per oz.; 15c. per ¼ lb.; 50c. per lb.

GRAY MONARCH.—A very large, long, light rind Melon; flesh crimson. 10c. per oz.; 25c. per ¼ lb.; 75c. per lb.

CUBAN QUEEN.—A Melon of mammoth size, reaching over 60 lbs. in weight. The quality is equal to the best of any of the sorts. 10c. per oz.; 25c. per ¼ lb.; 75c. per lb.

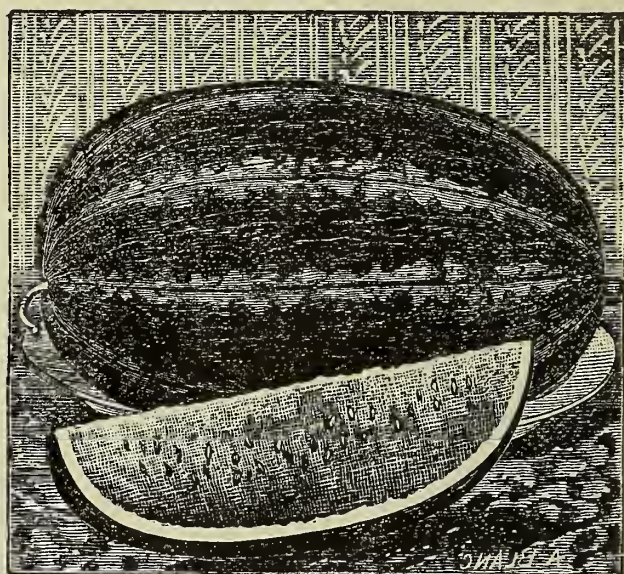
MOUNTAIN SWEET.—Fruit oblong, dark green; rind thin; flesh red, solid and very sweet. 7c. per oz.; 15c. per ¼ lb.; 50c. per lb.

ICING, DARK GREEN RIND.—Shape, size and flavor same as Light Icing, but dark skin. 10c. per oz.; 25c. per ¼ lb.; 75c. per lb.

COLE'S EARLY.—Very hardy; sure cropper. Flesh dark red, delicate and extremely sweet; medium size, nearly round; rind green, striped with lighter shades. 7c. per oz.; 15c. per ¼ lb.; 50c. per lb.

ICING, LIGHT GREEN RIND.—One of the best of all Melons. Always of good flavor; rind very thin; unexcelled in all good qualities. Round in shape. 10c. per oz.; 25c. per ¼ lb.; 75c. per lb.

KLECKLEY SWEET.—Most popular Melon for home market. Medium size, oblong; dark green color; flesh bright scarlet; solid heart; crisp, sugary, and entirely free from stringiness. 5c. per pkt.; 10c. per oz.; 25c. per ¼ lb.; 65c. per lb.



SWEET HEART.

SWEET HEART.—One of the best market Melons. Flesh bright red, solid and very tender, melting and sweet. The Melons retain their good quality for a long time after ripening. 7c. per oz.; 15c. per ¼ lb.; 50c. per lb.

ICE CREAM.—White seeded true. Fruit of medium size, nearly round; skin pale green; rind very thin; flesh scarlet solid, crisp and delicious. 10c. per oz.; 25c. per ¼ lb.; 75c. per lb.

KOLB'S GEM.—A new, chunky, dark-seeded Melon, Quality good. Very showy and an excellent shipper. 7c. per oz.; 15c. per ¼ lb.; 50c. per lb.

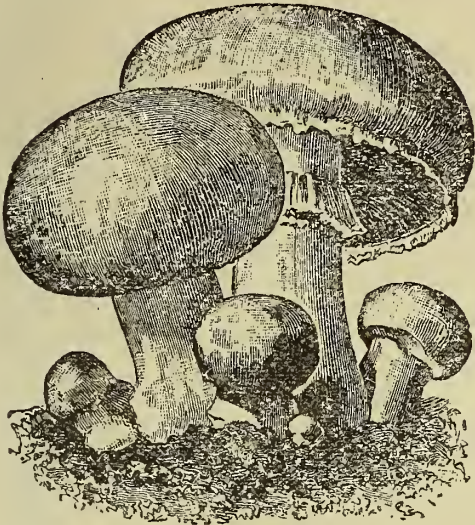
LANDRETH'S LONG, LIGHT ICING.—Oblong in shape; color of rind light green, selected from the Light Icing. A good cropper; heavy, attractive and very desirable quality. Now the favorite among the Jersey market gardeners. It is a grand sort. 10c. per oz.; 35c. per ¼ lb.; \$1.00 per lb.

MUSHROOM SPAWN.

Ten pounds will spawn ten feet square.

Mushrooms may be cultivated much easier than is generally supposed. They can be grown in a cellar or shed or in beds prepared in the open air same as hot-beds. Take fresh horse manure, shake it well apart and lay it in a heap to ferment, turn and mix it well every three or four days by shaking the outside of the heap, which is cold, and the inside, which is hot, together, so that every part of it may be equally fermented and deprived of its noxious qualities. When the dung is in a fit state to be made into a bed, which will be from two to three weeks after it has been put together to ferment, select a dry spot for a foundation, mark out the bed, which should be four feet wide and as long as you may choose to make it. In forming the bed mix the dung well together, beating it

down with a fork until from 18 to 24 inches thick. In this state it may remain until the temperature is sufficiently moderate for spawning, which may be ascertained by trial sticks thrust in different parts of the bed.



ENGLISH SPAWN.

Divide the large cakes of Spawn into small lumps, plant them two inches below the surface and six inches apart, covering with two inches of fine, light soil, and press down evenly. When finished, cover the bed three inches thick with clean straw and protect from heavy rains. The mushrooms will make their appearance in from four to six weeks, according to the season.

Special pamphlet furnished on application.

ENGLISH SPAWN.—15c. per lb.

AMERICAN SPAWN.—Pure culture. 25c. per lb.
Both in brick form.

MUSTARD.

German—*Senf*.

One ounce will sow a 100-foot row.

A pungent salad, used sometimes with cress. Sow thickly in rows and cut when about two inches high. For use during Winter it may be sown at intervals in boxes in the greenhouse or in a frame. For a crop of seed sow in April, in drills a foot apart, and thin out moderately when about three inches high.

WHITE LONDON.—Best for salad. 5c. per oz.; 10c. per ¼ lb.; 25c. per lb.

BROWN OR BLACK.—More pungent in flavor than the white. 5c. per oz.; 10c. per ¼ lb.; 25c. per lb.

NASTURTIUM, OR INDIAN CRESSE.

German—*Kapuziner*.

One ounce will sow 25-foot row.

The seeds, while young and succulent, are pickled and used as capers. The plants are also highly ornamental; the tall variety makes an excellent screen or covering for unsightly places in the garden.

TALL NASTURTIUM.—Choice colors. 5c. per pkt.; 10c. per oz.; 35c. per ¼ lb.; \$1.00 per lb.

DWARF NASTURTIUM.—Choice colors. 5c. per pkt.; 10c. per oz.; 35c. per ¼ lb.; \$1.00 per lb.

OKRA, or GUMBO.

German—*Gumbo*.

One ounce will plant 50 hills or 75-foot drill.

This vegetable is extensively grown in the Southern States. Its long pods, when young, are used in soups, stews, etc., and are believed to be very nutritious. It is of the easiest culture, and grows freely, bearing abundantly in any ordinary garden soil. It is sown at the usual time of all tender vegetables, in drills two inches deep, setting the plants from two to three feet apart.

IMPROVED DWARF GREEN.—Early and productive. 5c. per pkt.; 7c. per oz.; 20c. per ¼ lb.; 50c. per lb.

LONG GREEN.—Long ribbed pods. 5c. per pkt.; 7c. per oz.; 20c. per ¼ lb.; 50c. per lb.

ONION.

German—*Zweibel*.

One ounce will plant 50 hills or 75-foot drill. Five pounds will sow an acre. For growing Large Onions, 50 to 60 pounds per acre for growing sets.

The Onion thrives best in a rather strong, deep, rich, loamy soil, and, unlike most vegetables, succeeds well when cultivated on the same ground for successive years. The ground should be deeply trenched and manured the previous Autumn, and laid up in ridges during Winter to soften. As early in Spring as the ground is in working order, commence operations by leveling the ground with a rake and tread it firmly; sow thinly in drills about a quarter of an inch deep and one foot apart; cover with fine soil and press down with the back of a spade or a light roller.

When the young plants are strong enough, thin gradually, so that they stand three or four inches apart. Keep the surface of the ground open and free from weeds by frequent hoeing, taking care not to stir the soil too deeply or to collect it about the growing bulbs.

If by mail in quantities of ¼ lb. and upwards, postage must be added at the Parcel Post rate.

EXTRA EARLY RED.—The earliest Red Onion, fine keeper. 5c. per pkt.; 15c. per oz.; 50c. per ¼ lb.; \$1.75 per lb.

EARLY PRIZE TAKER.—This Onion grows uniform in shape, of a nearly perfect globe, with thin skin, of a clean, bright straw color. It is of immense size, measuring from twelve to sixteen inches in circumference while under special cultivation specimens have been raised to weigh from four to six pounds. 5c. per pkt.; 20c. per oz.; 50c. per ¼ lb.; \$1.50 per lb.

ÆLSA CRAIG.—30c. per oz.; 75c. per ¼ lb.; \$2.25 per lb.

SOUTHPORT WHITE GLOBE.—A handsome globular Onion, of mild flavor and a good keeper; one of the very best. 5c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.25 per lb.

ROUND YELLOW DANVERS.—An early variety. Good keeper and excellent market sort; good size. Has a thin, yellow skin. 5c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$1.75 per lb.



YELLOW GLOBE DANVERS.

YELLOW GLOBE DANVERS.—An excellent variety fine flavored and very productive. Ripens early and is a good keeper. 5c. per pkt.; 20c. per oz.; 50c. per ¼ lb.; \$1.50 per lb.

OHIO YELLOW GLOBE.—Rich orange in color; large, globe shape; flat bottom. Large yielder; also a good keeper. One of the best market sort. 5c. per pkt.; 20c. per oz.; 50c. per ¼ lb.; \$1.50 per lb.

SOUTHPORT RED GLOBE.—Differs from the Southport Yellow Globe only in color. 5c. per pkt.; 20c. per oz.; 50c. per ¼ lb.; \$1.75 per lb.

WHITE PORTUGAL, OR SILVER SKIN.—A handsome Onion, of mild flavor, but not a good keeper. Extensively grown for pickling. 5c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.25 per lb.

WEATHERSFIELD LARGE RED.—The staple variety of the Eastern Onion growers. Of large size, deep in color, and an excellent keeper. 5c. per pkt.; 20c. per oz.; 50c. per ¼ lb.; \$1.50 per lb.

SOUTHPORT YELLOW GLOBE.—A favorite Yellow Globe variety in the markets of New York and Boston. Solid and a good keeper. 5c. per pkt.; 20c. per oz.; 50c. per ¼ lb.; \$1.50 per lb.

YELLOW DUTCH, OR STRASBURG.—One of the oldest varieties. The "Silver Skin" of the Eastern States. A good keeper and well flavored. 5c. per pkt.; 25c. per oz.; 50c. per ¼ lb.; \$1.50 per lb.; large quantities, special quotation.

ONION SETS, EXTRA FINE.

Subject to Market Fluctuation.

Yellow—15 cents per quart; \$3.50 per bushel of 32 lbs.

Red—15 cents per quart; \$4.00 per bushel of 32 lbs.

White—20 cents per quart; \$4.50 per bushel of 32 lbs.

PARSLEY.

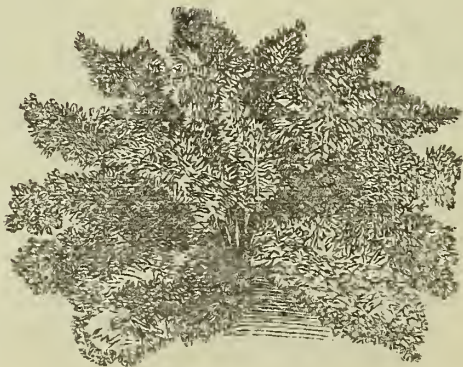
German—Petersilie.

One ounce will sow 125-foot row

Parsley succeeds best in rich, mellow soil. As the seeds germinate very slowly, there are four weeks elapsing sometimes before it makes its appearance; it should be sown early in Spring, previously soaking the seeds a few hours in tepid water. Sow thickly in rows a foot apart and a half inch deep. For Winter's use protect in a frame or light cellar.

CHAMPION MOSS CURLED.—A very select stock, beautifully crimped and curled. 5c. per pkt.; 10c. per oz.; 25c. per ¼ lb.; 75c. per lb.

HAMBURG, or TURNIP ROOTED.—The edible roots resemble a small parsnip, and it is esteemed for flavoring soups, stews, etc. 5c. per pkt.; 10c. per oz.; 25c. per ¼ lb.; 75c. per lb.



DOUBLE CURLED.

DOUBLE CURLED.—A fine dwarf variety, beautifully curled. Excellent for garnishing. 5c. per pkt.; 10c. per oz.; 25c. per ¼ lb.; 75c. per lb.

PLAIN PARSLEY.—The leaves of this sort are plain; it is hardier than the curled variety; good and flavoring. 5c. per pkt.; 10c. per oz.; 25c. per ¼ lb.; 75c. per lb.

PARSNIP.

German—Pastinake.

One ounce will sow 125-foot drill. Five pounds will sow an acre.

Sow as early in the Spring as the weather will admit, in drills fifteen inches apart, covering half an inch deep. When well up, thin out to five or six inches apart in the rows. Unlike carrots, they are improved by frosts, and it is usual to take up in the Fall a certain quantity for Winter use, leaving the rest in the ground until Spring, to be dug up as required.

LONG SMOOTH, OR HOLLOW CROWN.—Best for general use. 5c. per pkt.; 7c. per oz.; 20c. per ¼ lb.; 50c. per lb.

THE STUDENT.—A fine-flavored variety. 5c. per pkt.; 7c. per oz.; 20c. per ¼ lb.; 50c. per lb.

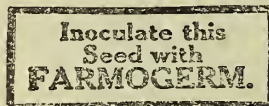
GURNSEY.—Half-long; becoming very popular. 5c. per pkt.; 7c. per oz.; 20c. per ¼ lb.; 50c. per lb.



LONG SMOOTH, OR HOLLOW CROWN.

PEAS.

German—Erbse.



One quart will plant about 100-foot row, 1 to 1½ bushels to acre.

Peas come earliest to maturity in light, rich soil. For general crops a deep, rich loam or a strong inclination to clay is best. For early crops, decomposed leaves or leaf-mold should be used; or, if the soil is very poor, stronger manure may be employed. For general crops, a good dressing should be applied, and for the dwarf-growing kinds the soil can hardly be too rich. When grown as a market crop, Peas are never staked, and are sown in single rows, two or three inches deep and from two to three feet apart, according to the variety or the strength of the soil. When grown in small quantities, for private use, they are generally sown in double rows, six or eight inches apart, and the tall varieties are staked up by brush. For an early crop, sow in February and March, as soon as the ground can be worked, and make repeated sowings every two weeks for succession. After the first of June sowing should be discontinued until the middle of August, when a good crop can sometimes be secured by sowing an early sort.

PILOT.—A large nearly smooth pea. Can be sown along with Alaska and early Peas. Will produce a pod as big as Gradus and from three days to a week earlier. 30c. per qt.; \$2.00 per pk.; \$6.50 per bu.

LAXTONIA.—Vines 18 to 20 inches high, produces an enormous crop of delicious peas just a little later than "Gradus." Vines are vigorous and can withstand adverse weather conditions easier than other large varieties. 35c. per qt.; \$2.25 per peck; \$8.50 per bushel.

BLUE BANTAM.—Extra early dwarf wrinkle Pea. Averages 15 inches high, bears enormous crops, pods deep bluish green, pods 4½ inches long, bear 8 to 10 peas. Pods twice the size of American Wonder and ready to pick at same time. 35c. per qt.; \$2.25 per pk.; \$8.50 per bu.

AMEER.—A large Alaska. The vine grows about three feet and the plant produces an abundance of pods. It is a very profitable early variety. 25c. per qt.; \$1.75 per peck; \$6.00 per bu.

EARLY THOMAS LAXTON.—This fine early Pea was raised by crossing "Gradus" (Prosperity) with a very early seedling of the "Earliest of All" type. It is a wrinkled marrow with a good constitution. In earliness it is within a day or two of "Earliest of All," but pods contain on the average 7 or 8 very large peas of the richest flavor. The height is from 3 to 3½ feet. As a first early we consider this is the Finest Early Pea ever introduced. 30c. per qt.; \$1.75 per peck; \$6.50 per bu.

EARLY ALASKA.—A green seeded extra early sweet Pea. Very desirable. Green, smooth Pea. 25c. per quart; \$1.50 per peck; \$5.00 per bushel.

EARLY PREMIUM GEM.—Early, hardy, prolific, uniform in habit of growth, pods borne singly on both sides

of the stalk beginning near the ground; peas of the finest flavor; about a week later than Nott's Excelsior. Seed green, wrinkled and sweet; height, 16 inches. 30c. per quart; \$1.50 per peck; \$5.50 per bushel.

SECOND EARLY JUNO.—A medium early green wrinkled Pea and one of the best of recent introduction; large, curved, showy pods; an immense cropper; Peas of fine quality; 2 to 2¼ feet. 25c. per quart; \$1.50 per peck; \$5.50 per bushel.

EARLY NOTT'S EXCELSIOR.—Extra early dwarf wrinkle Pea. Ready for table in 40 to 50 days from planting. It grows 16 inches high, about half as tall again as American Wonder. Its even, regular habit is a great advantage to the market gardeners. This variety has come to stay, owing to its superior advantages over all other sorts. 30c. per quart; \$1.75 per peck; \$6.00 per bushel.

EARLY SURPRISE, OR ECLIPSE.—The earliest Dwarf Wrinkle Pea. It is said that it never mildews, and is superior to Gradus. 30c. per qt.; \$2.00 per peck; \$6.50 per bushel.

EARLY GRADUS, OR PROSPERITY.—A first early Wrinkle Pea, very hardy, vigorous grower, 2½ feet high; pods very large and well filled; six to eight large Sweet Peas in a pod. The great value of Gradus is its earliness. It is in the market four days after the first early. 30c. per quart; \$2.00 per peck; \$6.50 per bushel.

EARLY FIRST AND BEST.—A very early and productive variety, resembling the Philadelphia Extra Early; white, smooth Pea. 25c. per quart; \$1.25 per peck; \$5.00 per bushel.

EARLY AMERICAN WONDER.—It is one of the early wrinkled Peas; of the finest quality and wonderfully productive; its great distinctive feature, however, is its compact and dwarf growth, seldom exceeding 12 inches in height. 30c. per quart; \$2.00 per peck; \$6.50 per bushel.

EARLY McLEAN'S ADVANCER.—An early green, wrinkled variety; delicious flavor; 2 feet. 30c. per quart; \$1.75 per peck; \$5.75 per bushel.

EARLY FIRST OF ALL.—The leading market gardeners' first early Pea. The most reliable as a first early. Large pods, most productive. Pods fill up at one time, so they are marketed in two pickings. Quality good; white, smooth Pea. 2½ to 3 ft. 25c. per quart; \$1.25 per peck; \$5.00 per bushel.

EARLIEST OF ALL.—A green, smooth pea, very early and productive; profitable market sort; height, 2½ to 3 ft. General character of the First of All sort. 25c. per qt.; \$1.25 per peck; \$5.00 per bushel.

SECOND EARLY HEROINE.—A medium early Wrinkle Pea of medium height; pod large; very pro-

ductive; of excellent flavor. 25c. per qt.; \$1.50 per peck; \$5.50 per bushel.

LITTLE MARVEL.—A new dwarf first early pea, good market garden variety, vine averages 15 inches in height, pods 2½ inches in length, frequently born in pairs, and contain from 6 to 7 large dark green peas which remain in good eatable shape for a week later than most other varieties. 35c. per qt.; \$2.25 per peck; \$8.50 per bushel.

SUTTON'S EXCELSIOR.—Resembles Nott's Excelsior, but has longer and broader pods of a light green color, 15 inches tall, very fine for market gardeners. 30c. per qt.; \$1.75 per peck; \$6.50 per bushel.

SECOND EARLY SHARP'S QUEEN.—This variety is one of the few really fine Peas that resist the long droughts which we sometimes experience. The Peas are large oval, deep green, wrinkled, and of a delicious flavor when cooked. The pods are very large, slightly curved, produced mostly in pairs, and all over the vine from bottom to top. It is green, wrinkled, main crop variety, growing to about two to two and a half feet in height, and stands well under the scorching rays of the sun, and is not subject to mildew. 30c. per quart; \$1.75 per peck; \$6.00 per bushel.

SECOND EARLY McLEAN'S LITTLE GEM.—A dwarf, green, wrinkled marrow; very prolific; of a superior flavor, and a second early; 1 foot. 30c. per qt.; \$1.75 per peck; \$6.00 per bushel.

For General Crop.

ADMIRAL DEWEY.—This variety is without doubt the largest podded Pea we know of. Beautifully shaped, dark green pods, and peas of high-class flavor; green wrinkled; a good grower and bearer; height, 3½ feet. 30c. per quart; \$2.00 per peck; \$7.00 per bushel.

LONG ISLAND MAMMOTH.—Becoming a favorite with Long Island and New Jersey truckers; excellent cropper; pods large, well filled; quality excellent; peas green, wrinkled; vines 3 feet. 30c. per quart; \$1.75 per peck; \$6.00 per bushel.

PRINCE EDWARD.—This variety will produce pods attaining the extraordinary length of 7 inches and upward, closely packed with eleven to thirteen large dark green peas of fine flavor. Plant of branching habit growing 6 feet in height, dark green foliage, will withstand drought and mildew. Pods produced in great profusion, mostly in pairs. 30c. per qt.; \$1.75 per peck; \$6.50 per bushel.

CARTER'S DAISY, OR DWARF TELEPHONE.—Possesses the quality of Carter's Telephone, except it grows half less in height. This makes it an exceptional valuable market sort; green, wrinkled. 30c. per quart; \$2.00 per peck; \$7.50 per bushel.

CHAMPION OF ENGLAND.—One of the best and most popular Peas in cultivation; green, wrinkled; 4 feet. 30c. per quart; \$1.75 per peck; \$5.50 per bushel.

DUKE OF ALBANY.—Late, remarkably hardy in growth, producing pods of large size well filled with large peas of good quality; green, wrinkled; height, 4 feet. 30c. per quart; \$1.75 per peck; \$6.50 per bushel.

SHROPSHIRE HERO.—A robust grower, about three feet high, producing long, handsome pods in abundance, well filled; flavor exquisite; green, wrinkled. We recommend it. 30c. per qt.; \$1.75 per peck; \$6.00 per bushel.

ALDERMAN.—A large main crop pea, tall, producing long straight dark green pods five to six inches long, well filled and of excellent flavor. Vines nearly five feet high, exceedingly productive. 30c. per qt.; \$2.00 per peck; \$7.50 per bushel.

STRATAGEM IMPROVED, "FERRY STRAIN."—Pea green, wrinkled; two feet; vigorous branching habit, under favorable conditions; an enormous cropper; pod long; well filled with from eight to eleven Peas of the largest size, of extra fine flavor. 30c. per quart; \$1.75 per peck; \$6.50 per bushel.

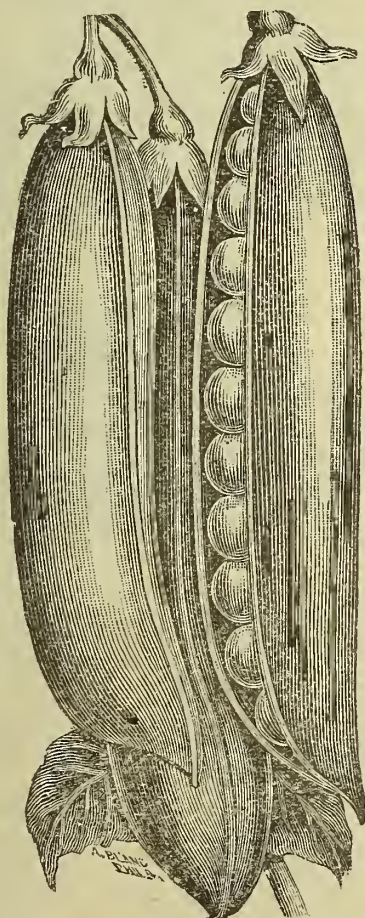
YORKSHIRE HERO.—A splendid wrinkled marrow, of branching habit; an abundant bearer; 2½ feet. Crop failure. 30c. per qt.; \$1.75 per peck; \$6.00 per bushel.

TALL TELEPHONE.—A very fine late wrinkle pea. Price, 30c. per qt.; \$2.00 per peck; \$7.00 per bushel.

BLACK EYED MARROWFAT.—This, as well as the preceding, is extensively grown as a field Pea; hardy and productive; smooth, white; 4 feet. 20c. per quart; \$1.25 per peck; \$4.00 per bushel.

ROYAL DWARF WHITE MARROWFAT.—A favorite marrow sort; smooth, white; 4 feet. 20c. per quart; \$1.25 per peck; \$4.00 per bushel.

TALL SUGAR.—Edible pods; 5 feet. 35c. per qt.



SECOND EARLY SHARP'S QUEEN.

FIELD VARIETIES.

Cow Peas.

Write for special prices on large quantities. Price subject to market fluctuation.

VARIOUS KINDS, MIXED—For enriching the soil and for hay, \$3.50 per bushel.

BLACK STANDARD VARIETY.—Runner. \$3.75 per bushel.

GRAY WHIPPOOWILL.—Upright growth. \$3.75 per bushel.

MAMMOTH YELLOW SOJO.—\$3.00 per bushel.

WILSON'S BLACK SOJO—New and extra variety. \$4.00 per bushel.

CANADA FIELD PEAS—Sow with oats. Very valuable for green feeding and for hay as well. \$4.00 per bushel.

PEPPER.

German—Pfeffer.

One ounce will produce 1,200 plants.

Grown largely for pickling. Sow in hot-bed early in April, and transplant to the open ground when the weather is favorable. They should be planted in warm, mellow soil, in rows, eighteen inches apart; between rows, 3 feet.

EARLY GIANT NEAPOLITAN.—Something extra fine, large fruit, red color, sweet. Ripens earlier than Ruby King. Good cropper. 5c. per pkt.; 25c. per oz.; 65c. per ¼ lb.; \$2.50 per lb.

CHAMBERS' SWEET.—Absolutely mild flavor, excellent producer. Not quite as blunt as "Bull Nose," medium in size, in fact, one of the best peppers we know of. 5c. per pkt.; 25c. per oz.; 65c. per ¼ lb.; \$2.00 per lb.

CHINESE GIANT.—The largest Pepper known. Its mammoth size, splendid shape, beautiful, rich, glossy flesh, mild flavor and enormous productiveness commend it as one of the best market varieties ever introduced. 5c. per pkt.; 35c. per oz.; \$1.00 per ¼ lb.; \$3.50 per lb.

RUBY KING.—An exceedingly large and handsome Pepper; the fruits are of a bright ruby red. From 4½ to 6 inches long by 3½ to 4 inches in diameter, which makes it one of the largest of Peppers. The flavor is remarkably mild, and it can be sliced and eaten with pepper and vinegar like tomatoes and cucumbers, or it can be used as a salad. 5c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.50 per lb.

LARGE BELL, OR BULL NOSE.—An early variety, of sharp flavor; rind thick and fleshy; color, brilliant red; shape, oblong. 5c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.50 per lb.



SWEET MOUNTAIN, OR MAMMOTH.

SWEET MOUNTAIN, or MAMMOTH.—Similar to the preceding in shape and color, but larger and milder in flavor. 5c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.50 per lb.

LONG RED CAYENNE.—Fruit brilliant coral red; conical; from three to four inches in length; very productive. 5c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.50 per lb.

RUBY GIANT.—A variety which is of a desirable size and shape for stuffing. A cross of Ruby King and Chinese Giant; grows to large size and is very mild. 5c. per pkt.; 35c. per oz.; \$1.00 per ¼ lb.; \$3.50 per lb.

PEPPER PLANTS.

(Ready May 1st.)

LARGE BELL OR BULL NOSE.—10c. per doz.; 75c. per 100.

Transplanted plants 15c. per dozen; \$1.00 per 100.

SWEET MOUNTAIN.—10c. per doz.; 75c. per 100.

POTATO.

German—Kartoffel.

Seven to ten bushels will plant an acre.

The potato, like all robust-growing vegetables, can be grown with varying success on soils of all kinds and in all conditions of fertility, but the soil best suited to it is a sandy loam. In all heavy soils it is more subject to a disease, and the flavor is much inferior. In breaking up good pasture land, the decaying sod answers sufficiently well for the first year in lieu of manure. Manure is applied either in rows or hills, or broadcast over the hills, and plowed in—the latter, in most cases, being preferable. If the soil is good, but little manure is required. In highly enriched soil the plants are more liable to disease than when grown in soil that is naturally good. The best fertilizers are those of a dry, or absorbent nature, as plaster, lime, superphosphate of lime and bone dust; for wet soil these are particularly beneficial, as they not only promote growth, but prevent diseases. Plant as early in Spring as the ground can be had in fair working order, in hills or ridges about three feet apart, covering in light, warm soil, about four inches deep, but in cold, wet situations, two or three inches will be sufficient.

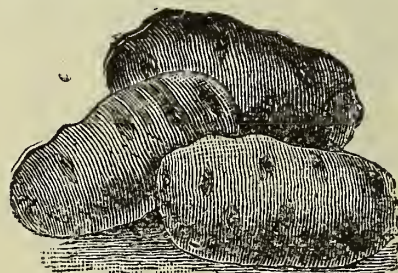
PRICES NOT GUARANTEED. SUBJECT TO VARIATION.

Special Prices Given on Large Quantities.

We handle Maine-Grown Seed Potatoes only. Seed stock grown in Maine is far superior to that grown in any other State.

SURPRISE.—An excellent quality potato. Shape and character that of Irish Cobbler. Larger in vine; also size of potato and yield; a medium early. 75c. per peck; \$2.50 per bushel; \$6.50 per sack of 165 pounds.

STATE OF MAINE.—An excellent quality potato; heavy cropper and a good keeper. 75c. per peck; \$2.50 per bushel; \$6.50 per barrel sack.



IRISH COBBLER.

IRISH COBBLER.—Early, round, chunky, 85-day sort; quality of the finest; popular for home market. 75c. per peck; \$2.50 per bushel; \$6.50 per sack of 165 pounds.

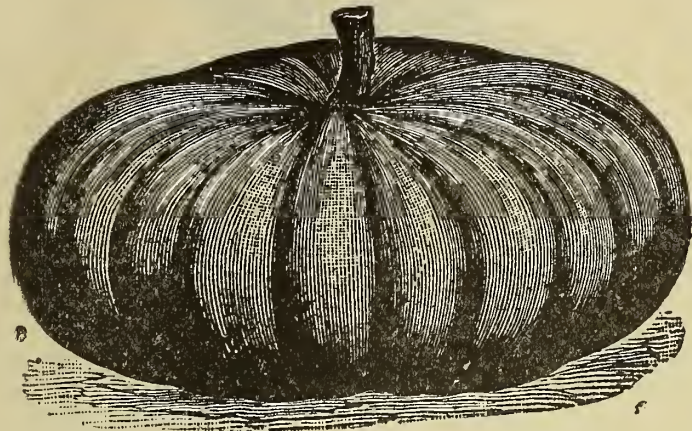
PRIDE OF THE SOUTH.—A rival to the Irish Cobbler. Shape and quality like the Irish Cobbler, but a few days earlier. 75c. per peck; \$2.50 per bushel. \$6.50 per barrel sack of 165 pounds.

GREEN MOUNTAIN.—Shape, oval; white skin, big cropper and splendid cooker. 75c. per peck; \$2.50 per bushel; \$6.50 per barrel sack of 165 pounds.

HOLTON EARLY ROSE.—The leading variety for earliness, quality and productiveness. 75c. per peck; \$2.50 per bushel; \$6.50 per barrel sack of 165 pounds.

PUMPKIN.*German—Kerbis.**One pound will plant 250 hills.*

Pumpkins are now principally cultivated for agricultural purposes. They are usually planted in fields of corn or potatoes, but may be profitably raised in fields by themselves. Sow first in May, in hills eight feet apart.

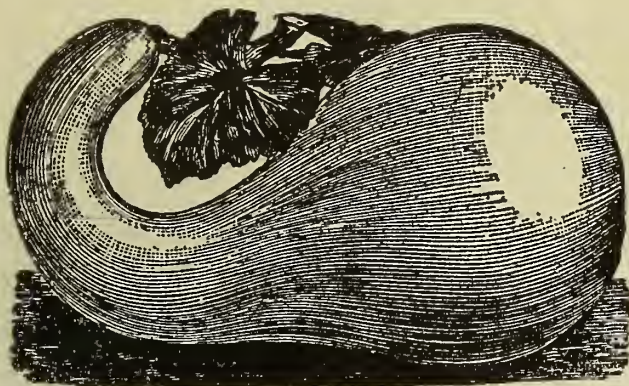
**LARGE CHEESE.**

LARGE CHEESE.—The best variety for cooking purposes. 7c. per oz.; 15c. per $\frac{1}{4}$ lb.; 50c. per lb.

CONNECTICUT FIELD.—Very productive; largely grown for feeding stock. 7c. per oz.; 10c. per $\frac{1}{4}$ lb.; 35c. per lb.

KING OF THE MAMMOTH.—Grows to immense size, often weighing over one hundred pounds. 5c. per pkt.; 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

WINTER LUXURY.—It grows uniformly to a diameter of ten to twelve inches, and is enormously productive. It is a beautiful golden yellow, finely and closely netted, like a netted Musk Melon. As a winter keeper and cooking variety it stands unexcelled, and is one of the very best for either home use or market. 5c. per pkt.; 7c. per oz.; 25c. per $\frac{1}{4}$ lb.; 65c. per lb.

**CASHAW CROOKNECK.**

CASHAW CROOKNECK.—A good all-around pumpkin. 5c. per pkt.; 7c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.

RADISH.*German—Rettig.**One ounce will sow 100 feet of drill.*

Radishes thrive best in a light, rich, sandy loam; heavy or clayey soils not only delay their maturity, but produce crops much inferior both in appearance and flavor. For a successive supply sow from the middle of March until September, at intervals of two or three weeks. For an early supply they may be sown in a gentle hot-bed in February.

THE EARLIEST.—Excellent for forcing. Matures in 17 days. Color, red. 5c. per pkt.; 7c. per oz.; 20c. per $\frac{1}{4}$ lb.; 60c. per lb.

EARLY SCARLET PRUSSIAN GLOBE.—An excellent forcer; 5c. per pkt.; 7c. per oz.; 20c. per $\frac{1}{4}$ lb.; 60c. per lb.

EARLY HALF-LONG RED.—So rapid in growth as to develop in 20 days. Grows about three inches long; very symmetrical and uniform in shape; color, a bright scarlet. 5c. per pkt.; 7c. per oz.; 15c. per $\frac{1}{4}$ lb.; 50c. per lb.

CRIMSON GIANT TURNIP.—Will grow to an unusually large size. It is always tender, crisp and of mild flavor. It remains in perfect condition a long time. Color, a beautiful crimson. It will force well, but it is especially adapted for outdoor growing. 5c. per pkt.; 7c. per oz.; 20c. per $\frac{1}{4}$ lb.; 60c. per lb.

CHARTIER, OR LONG ROSE.—Decidedly distinct in appearance from any radish in cultivation. The color at the top is crimson, running into pink about the middle, and from thence downward it is pure waxy white. It will attain a very large size before it becomes unfit for table. 5c. per pkt.; 7c. per oz.; 15c. per $\frac{1}{4}$ lb.; 50c. per lb.

**EARLY FELTON WHITE BOX.**

EARLY FELTON WHITE BOX.—It is perfectly round, smooth skin, pure white, free from all sharpness or bitterness. A remarkably quick grower, with small top. For forcing it is in every way superior. 5c. per pkt.; 7c. per oz.; 15c. per $\frac{1}{4}$ lb.; 50c. per lb.

EARLY WHITE TURNIP.—Same as the Early Felton White Box, only different in color. 5c. per pkt.; 7c. per oz.; 20c. per $\frac{1}{4}$ lb.; 50c. per lb.

EARLY LONG WHITE ICICLE.—The flavor of this new sort is very mild, and it is invaluable for slicing. The top is short; flesh very crisp and tender; very attractive when bunched. It matures in 40 days from time of sowing the seed, and remains in prime condition for eating for fully two weeks. 5c. per pkt.; 7c. per oz.; 15c. per $\frac{1}{4}$ lb.; 50c. per lb.

EARLY RAPID FORCING.—It resembles the scarlet turnip white-tipped variety, but is much earlier, coming to maturity in 22 days from the time of sowing, and having very small tops, will prove to be the radish for forcing purposes. Being very handsome and of fine quality, it is equally desirable for the garden. 5c. per pkt.; 7c. per oz.; 20c. per $\frac{1}{4}$ lb.; 60c. per lb.

EARLY LONG SCARLET SHORT TOP.—The standard variety for market and private gardens. 5c. per pkt.; 7c. per oz.; 15c. per $\frac{1}{4}$ lb.; 50c. per lb.

DELICACY.—White. Shape very much like Strasburg; not so large, but earlier. A valuable market sort. 5c. per pkt.; 7c. per oz.; 20c. per $\frac{1}{4}$ lb.; 75c. per lb.

EARLY SCARLET TURNIP.—Very delicate in flavor; one of the best early sorts. 5c. per pkt.; 7c. per oz.; 15c. per $\frac{1}{4}$ lb.; 45c. per lb.

FRENCH BREAKFAST.—A variety of quick growth; very mild and tender. 5c. per pkt.; 7c. per oz.; 15c. per $\frac{1}{4}$ lb.; 50c. per lb.

LONG PINK, OR LADY FINGER.—Like the white, only differs in color. 5c. per pkt.; 7c. per oz.; 15c. per $\frac{1}{4}$ lb.; 50c. per lb.

LONG WHITE VIENNA OR LADY FINGER.—This is the finest Long White Radish in cultivation, most beautiful in shape; skin and flesh are pure snow-white, crisp and of rapid growth. 5c. per pkt.; 7c. per oz.; 15c. per ¼ lb.; 50c. per lb.

STRASBURG WHITE.—Suitable for market and private gardens. It is of the tapering shape; both skin and flesh white. It is an excellent Summer variety, being tender and crisp and of fine flavor and a quick grower. 5c. per pkt.; 7c. per oz.; 15c. per ¼ lb.; 50c. per lb.

WHITE CHARTIER.—Same shape and habit as the Rose, but it is pure white in color. 5c. per pkt.; 7c. per oz.; 20c. per ¼ lb.; 60c. per lb.

ROSE CHINA WINTER.—Bright rose color; flesh firm and piquant. Excellent for Winter use. 5c. per pkt.; 7c. per oz.; 15c. per ¼ lb.; 45c. per lb.

WHITE SUMMER TURNIP.—Large white; excellent for Summer use; very good market sort. 5c. per pkt.; 7c. per oz.; 20c. per ¼ lb.; 60c. per lb.

YELLOW SUMMER TURNIP.—Same as above only different in color. 5c. per pkt.; 7c. per oz.; 15c. per ¼ lb.; 45c. per lb.

BLACK SPANISH LONG.—One of the hardiest and best for Winter use. 5c. per pkt.; 7c. per oz.; 15c. per ¼ lb.; 50c. per lb.

WHITE SPANISH.—Rather milder in flavor than the preceding. 5c. per pkt.; 7c. per oz.; 20c. per ¼ lb.; 60c. per lb.

BLACK SPANISH ROUND.—Good keeper. 5c. per pkt.; 7c. per oz.; 20c. per ¼ lb.; 60c. per lb.

SALSIFY, OR OYSTER PLANT.

German—Boeksbart.

One ounce will sow 50 feet of drill.

The Oyster Plant succeeds best in light, well-enriched, mellow soil, which, previous to sowing the seed, should be stirred to a depth of eighteen inches. Sow early in the Spring, in drills fifteen inches apart; cover the seed with fine soil an inch and a half in depth, and when the plants are strong enough, thin out to six inches apart.

SALSIFY, OR OYSTER PLANT.—5c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.50 per lb.

SEA KALE.

German—See-Kohl.

One ounce will sow 100 feet of drill.

Cultivated for its blanched shoots, which are cooked as asparagus. A supply may be had all Winter by planting the roots closely in a warm cellar before frost. Sow one inch, in drills two feet apart. Thin out to six inches, and the next Spring plant in hills three feet apart.

SORREL.

LARGE LEAVED.—Has large leaves, can be cut five or six times, perfectly hardy. Leaves light green, quality very fine and not as broad as Spinach leaves. 5c. per pkt.; 10c. per oz.; 50c. per ¼ lb.; \$1.50 per lb.

SPINACH.

Notice.—Owing to market conditions, all prices on Spinach are subject to change without notice.

German—Spinat.

One ounce will sow 75 feet of drill, 8 pounds will sow an acre.

This is a very important crop in our market gardens; it is one of the most easily managed of all vegetables, requiring but little culture, and may be had fit for use one entire season. The main crop is sown in September. It is sometimes covered up, in exposed places, with straw or salt hay during the Winter, which prevents it from being cut with the frost, but in sheltered fields here there is no necessity for covering. For summer use it may be sown at intervals of two or three weeks, from April to August. Spinach is best developed, and most tender and succulent, when grown in rich soil.

BLOOMSDALE SAVOY, GENUINE.—The best market sort. 10c. per oz.; 25c. per ¼ lb.; 60c. per lb.

LARGE, ROUND THICK-LEAVED VAROFLAY.—A new variety, with very large, thick leaves. 10c. per oz.; 60c. per ¼ lb.; \$2.50 per lb.

PRICKLY.—Stands well in Winter, but gives less bulk per acre than the first named. \$10. per oz.; 25c. per ¼ lb.; 60c. per lb.



NORFOLK SAVOY LEAVED.

NORFOLK SAVOY LEAVED.—The leaves are numerous, succulent, curled and wrinkled like a Savoy Cabbage. It produces nearly twice the weight or crop as the ordinary sorts, and is also the hardiest of all the varieties of Spinach. 10c. per oz.; 25c. per ¼ lb.; 60c. per lb.

VICTORIA.—Leaves extra dark, black-green color. One of the best Winter sorts. 10c. per oz.; 25c. per ¼ lb.; 60c. per lb.

NEW ZEALAND.—This variety endures heat and is the best for summer growing. 5c. per pkt.; 10c. per oz.; 25c. per ¼ lb.; 75c. per lb.

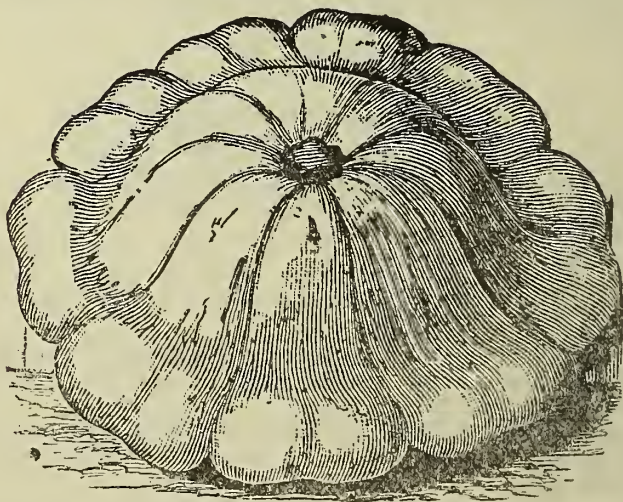
LONG STANDING.—Leaves large, thick and crimped, with a fleshy appearance, hardy and one of best varieties for autumn and spring sowing. 10c. per oz.; 25c. per ¼ lb.; 60c. per lb.

SQUASH.

German—Speisekurbis.

Among Early Bush Sorts one ounce of seed will plant 50 hills; one ounce of Trailing Varieties 20 hills.

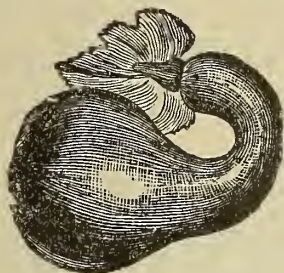
Squashes are of luxuriant and vigorous growth, and, although they will grow readily on almost any soil, they will well repay generous treatment. Like all vegetables of this class, it is useless to sow until the weather has become settled and warm. Light soils are best suited for their growth, and it is most economical of manure to prepare hills for the seeds in ordinary manner by incorporating two or three shovelfuls of well-rotted manure with the soil for each hill. For the bush varieties, from three to four feet each way, and for the running sorts, from six to eight feet. Eight or ten seeds should be sown to each hill, thinning out after they have attained their rough leaves, leaving three or four of the strongest plants.



WHITE BUSH.

WHITE BUSH SCALLOPED.—An early market variety; excellent for shipping. 5c. per pkt.; 7c. per oz.; 20c. per ¼ lb.; 75c. per lb.

HUBBARD.—A general favorite and more largely grown as a late sort than any other; of large size; flesh fine grained, dry and of excellent flavor. 5c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.



BUSH SUMMER CROOK-NECK.

BUSH SUMMER CROOK-NECK.—Early, productive and of good quality; fruit orange-yellow, covered with warty excrescences. 5c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

WINTER CROOK-NECK.—A variety largely grown in some of the Eastern States; flesh close grained, sweet and fine flavored. Plant in hills nine feet apart. 5c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

BOSTON MARROW.—A much-esteemed variety, coming in about ten days later than the bush sorts; a good keeper, and of unsurpassed flavor. 5c. per pkt.; 7c. per oz.; 20c. per $\frac{1}{4}$ lb.; 65c. per lb.

MAMMOTH CHILI.—Grows to large size, often weighing over two hundred pounds. Excellent for all uses. 5c. per pkt.; 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

GOLDEN CUSTARD.—It is yellow in color and excellent fine flavor; grows to good size, and of a very fine quality; very productive and of a bushy nature. 5c. per pkt.; 10c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.

TOBACCO SEED.

IMPORTED HAVANNA.—40c. per oz.; \$3.50 per lb.

TOMATO.

German—Leibsapfel.

One ounce will produce about 1,200 plants.

This delicious vegetable is one of the most important of all garden products. The seed should be sown in a hot-bed, about the first of March, in drills five inches apart and half an inch deep. When the plants are about two inches high they should be set out, four or five inches apart, in another hot-bed, or removed into small pots, allowing a single plant to a pot. They are sometimes transplanted a second time into larger pots, by which process the plants are rendered more sturdy and branching. About the middle of May the plants may be set in the open ground. They are planted for early crops on light, sandy soil, at a distance of three feet apart, in hills in which a good shovelful of rotted manure has been mixed. On heavy soils, which are not suited to an early crop, they should be planted four feet apart. Water freely at the time of transplanting, and shelter from the sun for a few days until the plants are established. Sufficient plants for a small garden may be started by sowing a few seeds in a shallow box or flowering-pot and placing it in a sunny window of the room or kitchen.

BONNY BESS.—An extra early, bright red tomato, smooth, large and productive. 5c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.

PONDEROSA.—The largest tomato in cultivation, very solid and fine cropper. 5c. per pkt.; 30c. per oz.; 85c. per $\frac{1}{4}$ lb.; \$3.00 per lb.

LIVINGSTON'S FAVORITE.—This variety is one of the largest and most perfectly shaped varieties in cultivation. Ripens evenly and early, and holds its size to the end of the season. It is very prolific, has few seeds, solid flesh, and bears shipping long distances. 5c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.

PERFECTION.—The fruit of the perfection is larger in size than the Acme and a little smaller than the Paragon. Color, blood-red. It is early, almost round in shape, perfectly smooth, and very solid. 5c. per pkt.; 20c. per oz.; 60c. per $\frac{1}{4}$ lb.; \$2.00 per lb.

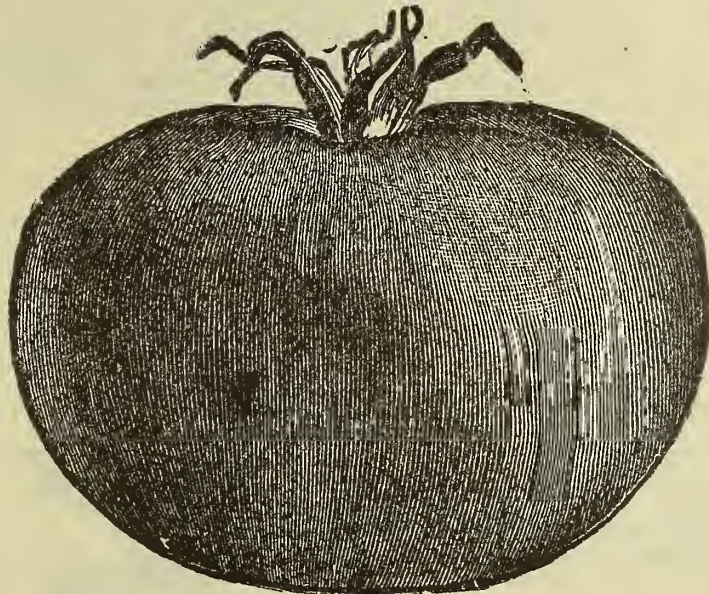
PINK JUNE.—Said to be the earliest pink tomato, much like Earliana. 5c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.

LANDRETH'S RED ROCK.—A very red, attractive variety. It ripens very evenly. It is coreless and has a very red interior. It is smooth, solid and is a very heavy cropper. 20c. per oz.; 60c. per $\frac{1}{4}$ lb.; \$2.00 per lb.

LIVINGSTON'S BEAUTY.—A popular variety. The color is a glossy crimson, with a purple tinge. It grows in clusters of four and five, retaining its large size late in the season. Very solid, with a tough skin, making it very desirable for shipping. 5c. per pkt.; 20c. per oz.; 60c. per $\frac{1}{4}$ lb.; \$2.00 per lb.

THE TROPHY.—This, when well grown, is without doubt the best Tomato in cultivation. It is unsurpassed in size, in flavor, in productiveness, and in every other desirable quality for family use. 5c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.

SPARK'S EARLIANA.—The earliest smooth Red Tomato of good size and flavor now in cultivation. It is a very compact grower, and consequently can be planted one-third closer than any other early sort. If you grow early Tomatoes don't miss planting it. It is a wonder. 5c. per pkt.; 20c. per oz.; 65c. per $\frac{1}{4}$ lb.; \$2.25 per lb.



STONE.

STONE (Selected Strain).—Very large, perfectly smooth, bright scarlet, solid; very productive; valuable for market gardeners and canners. 5c. per pkt.; 20c. per oz.; 65c. per $\frac{1}{4}$ lb.; \$2.00 per lb.

ACME.—The fruit is of a medium size, perfectly smooth and regular in shape, very solid, and a great bearer; color quite distinct, being a dark red, with purplish tinge. 5c. per pkt.; 20c. per oz.; 60c. per $\frac{1}{4}$ lb.; \$2.00 per lb.

PARAGON.—A productive variety; the color of a bright glossy crimson; perfectly smooth; very good canning variety. 5c. per pkt.; 20c. per oz.; 60c. per $\frac{1}{4}$ lb.; \$2.00 per lb.

YELLOW PLUM.—A beautiful variety. Used principally for pickling. 5c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.00 per lb.

RED CHERRY.—A small, early variety; size and shape of a cherry. For pickling. 5c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.00 per lb.

YELLOW CHERRY.—A small early tomato, the size and shape of a white cherry. 5c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.00 per lb.

TOMATO PLANTS.

(Ready May 1st.)

EARLY EARLIANA, PERFECTION AND STONE TRANSPLANTED PLANTS.—15c. per doz.; \$1.00 per 100; \$6.00 per 1,000; from seed bed. 50c. per dozen, grown in 3-inch pot.

LATE STONE AND PARAGON.—Field grown, \$3.00 per 1,000.

TURNIP.

German—Weis Rube.

One ounce will sow 125 feet of drill; $1\frac{1}{2}$ to 2 lbs. will sow an acre.

Turnips do best on highly-enriched, light, sandy or gravelly soil. Commence sowing the earliest varieties in April, in drills from twelve to fifteen inches apart, and thin out early to six or nine inches in the rows. For a succession, sow at intervals of a fortnight until the last week in July, from which time until the end of August sowings may be made for the Fall and main crops. Turnips may be preserved until Spring by cutting off the tops about one inch from the bulb, and storing in a cellar or cool shed during Winter, covering the roots with dry sand; they should be harvested before severe frosts

set in, for, though comparatively very hardy, few of the varieties will survive the Winter of the Northern States in the open ground.

If by mail, in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 8 cents per lb.

YELLOW ABERDEEN.—Very hardy and productive, good keeper, globe-shaped, color pale yellow, with purple top; very firm in texture, and closely resembles the Ruta Baga in good keeping qualities; good either for table or stock. 5c. per pkt.; 7c. per oz.; 20c. per $\frac{1}{4}$ lb.; 50c. per lb.

WHITE EGG.—Flesh very firm and fine-grained, thin and perfectly smooth skin, and both flesh and skin are of snowy whiteness. 5c. per pkt.; 7c. per oz.; 20c. per $\frac{1}{4}$ lb.; 50c. per lb.

EARLY SNOWBALL.—A medium-sized, round, pure, white variety, of excellent flavor. For early sowing this is one of the best, being crisp, tender and sweet. Maturing in about six weeks from time of sowing. 5c. per pkt.; 7c. per oz.; 20c. per $\frac{1}{4}$ lb. 50c. per lb.

YELLOW-STONE.—Bulbs of medium size, very firm, excellent flavor and good keeper; one of the best and most popular yellow-fleshed varieties for table use; it is equally good for feeding stock. 5c. per pkt.; 7c. per oz.; 20c. per $\frac{1}{4}$ lb.; 50c. per lb.

YELLOW GLOBE.—One of the best American varieties for general crop. Flesh very firm and sweet, and keeps well until late in Spring. Grows to a large size, and is excellent both for stock and table use. 5c. per pkt.; 7c. per oz.; 20c. per $\frac{1}{4}$ lb.; 50c. per lb.

EARLY FLAT DUTCH.—An excellent variety, resembling White Strap Leaf. The best variety for Spring sowing. 5c. per pkt.; 7c. per oz.; 20c. per $\frac{1}{4}$ lb.; 50c. per lb.

RED-TOP STRAP LEAF.—Rapid grower and mild flavor; the popular variety for early use, either for the table or stock. 5c. per pkt.; 7c. per oz.; 15c. per $\frac{1}{4}$ lb.; 40c. per lb.

PURPLE-TOP WHITE GLOBE.—An early variety, globe-shaped; in other respects similar to the Red-Top Strap Leaf. A handsome-looking bulb, and is rapidly taking the lead of all other varieties of early Turnip for market garden purposes. 5c. per pkt.; 7c. per oz.; 15c. per $\frac{1}{4}$ lb.; 40c. per lb.

GOLDEN BALL (ROBERTSON'S).—Rapid grower, excellent flavor, globe-shaped, and of a beautiful bright yellow color; a good keeper, and has no superior for table use. 5c. per pkt.; 7c. per oz.; 15c. per $\frac{1}{4}$ lb.; 40c. per lb.

RUTA BAGA, RUSSIAN OR SWEDISH TURNIP.



AMERICAN PURPLE TOP.

The Ruta Baga, Russian or Swedish Turnip, is extensively grown for a farm crop. The roots are close grained, very hard, and will endure a considerable degree of cold without injury. The roots are best preserved in

a pit or cellar during the Winter, and are excellent for the table early in Spring. Sow from 20th of June to the middle of July, in drills two feet apart, and thin out to eight inches.

IMPROVED AMERICAN (PURPLE-TOP).—The leading variety, very hardy and productive. Flesh yellow, solid, sweet and finely flavored. Equally good for stock or table use. The principal variety raised by market gardeners. 5c. per pkt.; 7c. per oz.; 15c. per $\frac{1}{4}$ lb.; 50c. per lb.

SHAMROCK.—One of the finest purple-top varieties in cultivation. Forms a handsome bulb, with small top and very few leaves. An excellent keeper and good for stock or table use. 5c. per oz.; 15c. per $\frac{1}{4}$ lb.; 40c. per lb.

COW HORN.—A long white turnip. Grows to large size; it has a fine desirable flavor and is a heavy cropper. 5c. per pkt.; 7c. per oz.; 15c. per $\frac{1}{4}$ lb.; 40c. per lb.

SWEET, POT AND MEDICINAL HERBS.

No garden is complete without a few Herbs for culinary and medicinal purposes, and care should be taken to harvest them properly. This should be done on a dry day, just before they come in full bloom, then dried quickly and packed closely, entirely excluded from the air. Sow in the Spring, in shallow drills, one foot apart, and when well up thin out or transplant to a proper distance apart.

ANISE (*Pimpinella Anisum*)—Biennial. 5c. per pkt.; 10c. per oz.; \$1.00 per lb.

BASIL SWEET (*Ocimum Basilicum*)—Annual, 1 ft. 10c. per pkt.; 15c. per oz.; \$1.50 per lb.

BORAGE (*Borago Officinalis*)—Excellent for bees. Annual, 3 ft. 5c. per pkt.; 10c. per oz.; \$1.00 per lb.

CARAWAY (*Carum Carai*)—Perennial, 2 ft. 5c. per pkt.; 75c. per lb.

CASTOR OIL PLANT (*Ricinis Communis*)—Annual, 6 ft. 5c. per pkt.; 10c. per oz.; 75c. per lb.

CORIANDER (*Coriandum Sativum*)—Annual, 2 ft. 5c. per pkt.; 10c. per oz.; 75c. per lb.

DILL (*Anethum Graveolens*)—Biennial, 3 ft. 5c. per pkt.; 10c. per oz.; 75c. per lb.

FENNEL (*Anethum Foeniculum*)—Perennial, 6 ft. 5c. per pkt.; 10c. per oz.; 75c. per lb.

HOP SEED (*Humulus Impulus*)—5c. per pkt.; 15c. per oz.; 25c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

HOREHOUND (*Marubium Vulgare*)—Perennial, 2 ft. 5c. per pkt.; 25c. per oz.; \$1.75 per lb.

LAVENDER (*Lavendula Spica*)—Perennial, 2 ft. 5c. per pkt.; 15c. per oz.; \$1.50 per lb.

MARJORAM, SWEET (*Origanum Marjorana*)—Annual, 1 ft. 5c. per pkt.; 20c. per oz.; \$1.50 per lb.

MARJORAM POT (*Origanum Onites*)—Perennial 5c. per pkt.; 40c. per oz.; \$4.00 per lb.

ROSEMARY (*Rosmarinus Officinalis*)—An aromatic herb. 5c. per pkt.; 40c. per oz.

RUE (*Ruta Graveolens*)—Perennial, 3 ft. 5c. per pkt.; 35c. per oz.; \$3.50 per lb.

SAGE (*Salvia Officinalis*)—Annual, 1 ft. 5c. per pkt. 20c. per oz.; \$2.00 per lb.

SUMMER SAVORY (*Satureia Hortensia*)—Annual, 1 ft. 5c. per pkt.; 15c. per oz.; \$1.50 per lb.

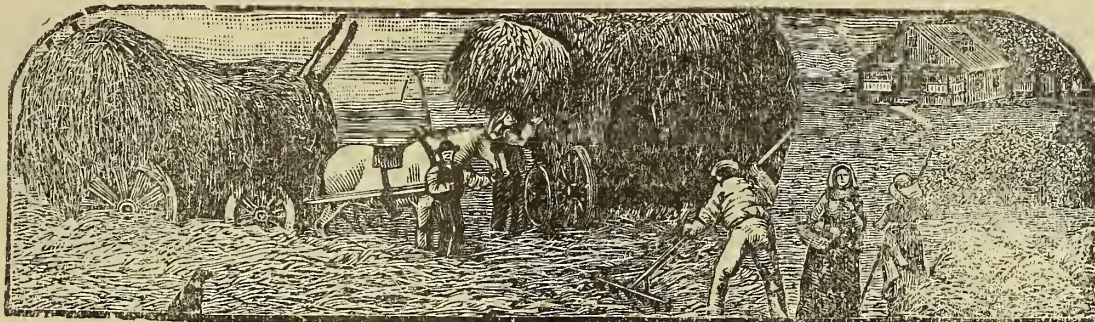
THYME, BROAD-LEAVED (*Thymus Vulgaris*)—Perennial, 1 ft. 5c. per pkt.; 40c. per oz.; \$4.00 per lb.

WORMWOOD (*Artemesia Absinthium*)—Perennial. 5c. per pkt.; 25c. per oz.

Prices Subject to
Market Fluctuations

Farm Seeds

Special Prices on
Large Quantities



Grass and Grain Seeds.

If there is anything you specially want that we have not in our Catalogue, write to us for information and prices, which will promptly be given to you.

BARLEY.

BARLEY.—Six and eight-rowed. \$2.00 per bushel.

BUCKWHEAT.

NEW JAPANESE.—Kernel twice the size of the ordinary variety. It is earlier and more productive. Flour very fine. \$2.00 per bushel.

GRASS SEED.

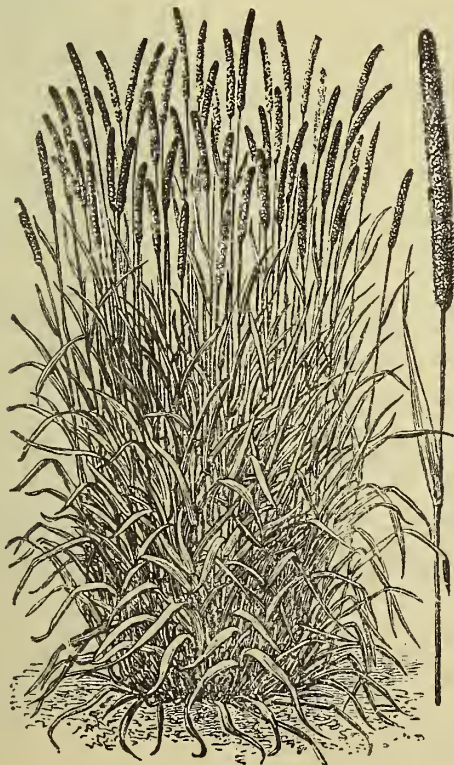
HERD, OR RED TOP GRASS (*Agrostis Vulgaris*).—Valuable as a mixture in either pasture or lawn grasses. Succeeds well in almost any soil. 15c. per qt.; \$2.00 per bushel of 14 lbs.; fancy, recleaned solid seed. 25c. per lb.; \$6.00 per bushel of 30 lbs.

KENTUCKY BLUE GRASS (*Poa Pratensis*).—It is also known as June Grass. A valuable variety for lawns, when mixed with other grasses. Thrives best in dry soils, and retains its verdure during the hottest weather. Extra-clean seed. 15c. per qt.; \$2.50 per bushel of 14 lbs.

PERENNIAL RYE GRASS (*Lolium Perenne*).—A very nutritious and valuable grass for meadows and permanent pastures. 15c. per qt.; \$2.00 per bushel of 14 lbs.

RHODE ISLAND BENT GRASS (*Agrostis Canina*).—One of the finest of grasses for lawns when sown alone. 30c. per qt.; \$8.00 per bushel of 14 lbs.

CREeping BENT GRASS.—One of the best putting green grasses. Lays close to the ground and withstands drought better than any other blade grass. 60c. per qt.; \$9.00 per bushel of 14 lbs.



TIMOTHY.

ORCHARD GRASS (*Dactylis Glomerata*).—One of the most desirable of all pasture grasses. Especially valuable for grazing stock. 20c. per qt.; \$3.50 per bushel of 14 lbs.

TIMOTHY GRASS (*Phleum Pratense*).—This well-known variety is extensively grown throughout this country. It will produce a larger crop and is said to contain more nutriment than any other kind. 20c. per qt.; \$3.50 per bushel of 45 lbs.

HUNGARIAN GRASS (*Panicum Germanicum*).—Early. Height, two or three feet; abundant foliage and slender head; withstands drought and yields well on light soil. Out of market.

COMMON MILLET (*Panicum Maliacum*).—Very early. Height, two to three feet; foliage broad and very abundant; heads very open, branching panicles; seeds glossy, oval somewhat flattened. 15c. per qt.; \$2.50 per bushel of 48 lbs.

GERMAN, OR GOLDEN MILLET.—Medium early. In height, three to five feet; heads closely condensed; spikes very numerous; seeds round, golden yellow, in rough, bristly sheaths. 15c. per qt.; \$2.50 per bushel of 48 lbs.

CLOVERS.

Prices Variable.

Inoculate this
Seed with
FARMOGERM.

ALFALFA, OR LUCERNE.—It requires a deep, rich soil, and in such will produce several crops every season. One of the best green fodder plants. 20 to 30 lbs. to the acre. 25c. per lb.; \$12.00 per bushel of 60 lbs.



ALFALFA, OR LUCERNE.

ALSIKE CLOVER.—Resembles in growth, duration, etc., the Medium Red Clover. Thrives well in cold, wet and stiff soils. 8 lbs. to the acre. 25c. per lb.; \$13.00 per bushel of 60 lbs.

CRIMSON CLOVER.—A most valuable sort for soiling. It grows from three to four feet high. Sow in July and August for soiling or mowing the ensuing Spring. 20 to 30 lbs. to the acre. 15c. per lb.; \$9.50 per bushel of 60 lbs.

PEA VINE LARGE RED CLOVER.—Resembles the Medium Red Clover, but grows coarse and stocky; very valuable for plowing under. 10 to 12 lbs. to the acre. 25c. per lb.; \$14.00 per bushel of 60 lbs.

MEDIUM RED CLOVER.—It is a perennial, but of very few years' duration. Is considered the most nutritious of all the species, and most valuable in moist locations. 10 to 12 lbs. to the acre. 25c. per lb.; \$13.00 per bushel of 60 lbs.

WHITE CLOVER.—Valuable for lawn and pasture. 6 to 8 lbs. to the acre. 55c. per lb. \$33.00 per bushel of 60 lbs.

RAPE DWARF ESSEX.—Good green food for poultry, sheep and hogs. 15c. per lb. Sow 10 lbs. per acre.

SWEET CLOVER (*Melilotus Alba*).—Very valuable for soiling, very excellent for sowing in early Spring on land to be sown later to Alfalfa. Grows from 3 to 5 feet high and can be cut two or three times if wanted for forage. Sow 10 to 15 lbs. per acre. Price, 25c. per lb.

SPRING RYE.

A valuable catch-crop, when Fall-sown Rye and Wheat is Winter-killed. Price, \$2.00 per bushel.

PEAS AND BEANS FOR FODDER AND SOILING.

Inoculate this
Seed with
FARMOGERM.

CANADA WHITE.—\$4.00 per bushel.

COW PEAS, BLACK.—Makes poor land rich. \$3.75 per bushel.

COW PEAS.—White, with black eye. \$3.75 per bushel.

SOJO BEANS (MAMMOTH).—Do equally well on both light and heavy soils and make a most desirable land improver. The use of this crop is increasing very rapidly in all sections and is proving to be one of the most valuable and important forage and feed crops for the farmer. It is almost impossible for weeds to grow or thrive where there are grown. Sow one bushel per acre. \$3.00 per bushel.

OATS.

STORM KING.—A Sprangel oat, grain and straw again as large as the common Sprangel oat and a very heavy yielder. \$1.00 per bushel.

TARTER.—Large grain, large straw and a large crop per. Aside oat. \$1.00 per bushel; the only oat to grow with Canada field pea for green fodder for cattle feeding.

WINTER WHEAT.

DEITZ LONGBERRY.—Has a very large hard berry; one of the best yellow wheats. Price, \$2.50 per bushel.

FULTZ.—A first-class milling wheat. \$2.50 per bushel.

MARTIN'S AMBER.—One of the best general crop varieties. \$2.50 per bushel.

MISCELLANEOUS FARM SEEDS.

Vetches.

Inoculate this
Seed with
FARMOGERM.

SPRING VETCH (*Vicia Sativa*).—Highly valuable for soiling or for green manuring. Sometimes grown with oats for forage. Makes excellent cutting in June for Cattle. Sow 1½ bushels oats, ½ bushel of vetch by itself. Sow 1 to 2 bushels per acre. \$6.50 per bushel of 60 lbs.

HAIRY, or WINTER VETCH (*Vicia Villosa*).—It is noted for its hardiness and is highly valuable as a winter cover crop. It is used for forage and fertilizing purposes, will live over winter in well-drained soils. It is a perennial, but drops its seeds freely and will come up year after year if sown in September. Will make excellent forage for following spring. Will yield 1½ to 4 tons per acre. Use 1½ bushels of seed per acre. If sown with grain use 1 bushel of grain to ½ bushel of vetch. \$11.00 per bushel.

BROOM CORN EVER-GREEN.—Carefully saved from selected brush. 15c. per qt.; \$3.00 per bushel.

AMBER SUGAR CANE, or SORGHUM.—Great fodder producer and very nutritious for cattle and stock feeding; it can be cut down several times in a season. Very profitable for a dairy farm. 15c. per qt.; \$3.00 per bushel.

FLAX SEED (*Linum Usitatissimum*).—Extra cleaned. 15c. per lb.; \$3.50 per bush.

SUNFLOWER (*Helianthus Annus*).—13c. per lb.; 2 lbs. for 25c.; 25 lbs. or more 12c. per lb.



AMBER SUGAR CANE,
OR SORGHUM.

BIRD SEEDS.

PRICES VARIABLE.

If by mail, postage must be added at the Parcel Post rate.

CANARY, BEST SICILY (*Phataris Canariensis*).—13c. per lb.; \$6.50 per bushel.

HEMP (*Cannabis Sativa*).—13c. per lb.; 25 lbs. or more 12c. per lb.

MAW (*Papaver Rhoeos*).—40c. per lb.

MILLET (*Panicum Milaceum*).—10c. per quart; \$2.50 per bushel.

RAPE (*Brassica Napus*).—13c. per lb.; \$5.50 per bush.

MIXED BIRD SEED.—10c. per lb.; \$5.50 per bushel.

MOCKINGBIRD FOOD.—35c. per lb.

RIBSAM'S PERMANENT GRASS MIXTURE FOR HAY AND PASTURE.

Sow two to three bushels to the acre.

This is the most profitable crop that a farmer can put in his soil. Seeding should be done in July and August. You seldom miss a catch. The following season it will cut two to three tons, on an average, to an acre, which it has proven to itself. The quality is far superior to clover and timothy hay. It will also do fairly well sown in oats. Price, \$4.00 per bushel of 18 lbs.

ALFALFA

This most valuable of all crops can be successfully grown on some part of nearly every farm in the country. It requires well-drained land which is fairly fertile and free from weeds. All soils which are not alkaline should be limed at the rate of one to two tons per acre with pulverized limestone; or in case you use burned limestone half this quantity will be sufficient.

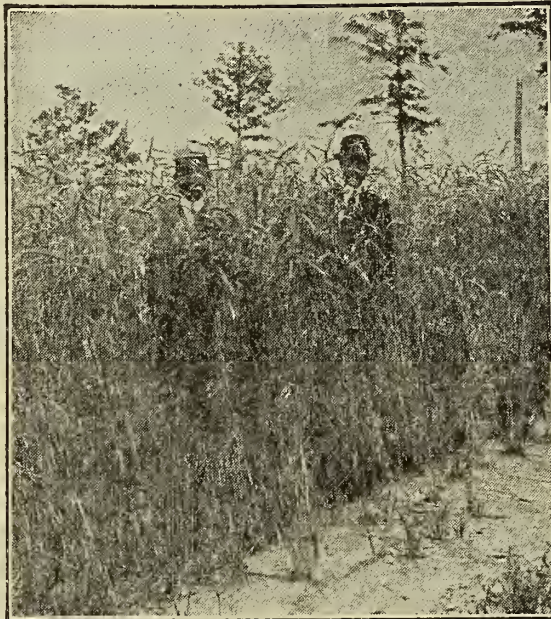
Good matured Alfalfa Seed should be thoroughly inoculated with FARMOGERM just before sowing, as Alfalfa will not succeed without the Alfalfa Bacteria are present. Either drill or broadcast seed at the rate of 25 to 30 lbs. per acre and cover one-half to one and one-half inches deep.

THE STANDARD INOCULATION FARMOGERM HIGH BRED NITROGEN GATHERING BACTERIA for CLOVERS, ALFALFA, BEANS, and OTHER LEGUMES

Inoculation of Legume Seeds with Farmogerm

Is a simple process, no fuss, no bother. Just moisten the seed with FARMOGERM, pure cultures, allow them to dry, and plant. Seeds for twenty acres can be treated in a few minutes and the results will surprise you. In order to obtain the maximum yield Legume (or pod-bearing) crops, seeds must be supplied with Nitrogen-Gathering Bacteria. FARMOGERM supplies these Bacteria, guaranteed alive and efficient, and shipped in a form to be conveniently applied to the seeds. Their use will increase the yield of the crop and make it richer in protein or feeding value. Your stock will relish FARMOGERMED Legume Fodder.

Five-acre size bottle, \$5.00.;
one-acre size bottle, \$1.50.



Oats and Farmogerm Vetch.

Always state crop when ordering. Ask for booklet.

For the suburbanite and house gardener we recommend a 25c. or 50c. bottle of our combination culture for peas, beans and sweet peas. For the peas and beans it will produce earlier maturity, large full pods and improved flavor. On the sweet peas it will give larger, brighter, more fragrant blossoms and more of them.

FARMOGERM SAVES THE COST OF EXPENSIVE NITROGEN FERTILIZERS.

By growing FARMOGERM inoculated legume crops in rotations and as cover crops wherever possible, such as between the rows of corn, potatoes, orchards and all cultivated crops. The cultivated crops are all very hard on soils, but if some inoculated legume, such as crimson clover or a mixture of winter vetch and rye is sowed between the rows at last cultivation and turned under for green manure, large quantities of plant food are made available and soil fertility is maintained and often increased. To be of greatest value all legume seed should be inoculated with FARMOGERM just before sowing.

FARMOGERM is prepared for over thirty legumes, including CLOVERS, ALFALFA, SOY BEANS, COW PEAS, VETCH, PEANUTS, VELVET BEANS, PEAS, BEANS, etc.

Garden size (¼-acre), 50c.;
half garden size (½ acre), 25c.

FERTILIZERS

PURE GROUND BONE.—This is strictly a bone fertilizer. 5c. per lb.; 25 lbs. \$1.00; \$2.50 per 100 lbs.; \$40.00 per ton. In bags, 167 lbs.

HIGH GRADE TRUCK AND CABBAGE FERTILIZER.—5c. per lb.; 25 lbs. \$1.00; \$3.00 per 100 lbs.; \$48.00 per ton.

TOP DRESSING FOR GRASS.—Especially for rushing a hay crop. 5c. per lb.; 25 lbs. \$1.00; \$3.50 per 100 lbs.; \$48.00 per ton.

TRENTON SPECIAL POTATO MANURE.—5c. per lb.; 25 lbs. \$1.00; \$2.75 per 100 lbs.; \$35.50 per ton.

FARMERS' HIGH GRADE POTATO FERTILIZER.—Very highly endorsed by potato growers. 5c. per lb.; 25 lbs. \$1.00; \$2.50 per 100 lbs.; \$33.00 per ton.

KEYSTONE POTATO MANURE.—5c. per lb.; 25 lbs. \$1.00; \$2.50 per 100 lbs.; \$32.50 per ton.

CORN AND TRUCK FERTILIZER.—5c. per lb.; 25 lbs. \$1.00; \$2.75 per 100 lbs.; \$25.00 per ton.

CORN MIXTURE.—5c. per lb.; 25 lbs. \$1.00; \$2.50 per 100 lbs.; \$25.00 per ton.

GRAIN AND GRASS FERTILIZER.—5c. per lb.; 25 lbs. \$1.00; \$2.50 per 100 lbs.; \$25.00 per ton.

SPECIAL CORN MIXTURE.—Especially adapted for sweet and field corn. 5c. per lb.; 25 lbs. \$1.00; \$2.50 per 100 lbs.; \$25.50 per ton.

ASPARAGUS GROWER.—5c. per lb.; 25 lbs. \$1.00; \$3.00 per 100 lbs.; \$51.00 per ton.

AMMONIATED DISSOLVED BONE.—A good, quick-acting fertilizer with long duration in soil. 5c. per lb.; 25 lbs. \$1.00; \$2.50 per 100 lbs.; \$32.00 per ton. In bags, 167 lbs.

GRAIN MANURE.—Especially prepared for wheat and rye. Winter grains, \$2.50 per 100 lbs.; \$25.00 per ton. In bags of 167 lbs.

GRANULATED BONE.—This is moderately fine and adapted for high fertilizing purposes. This bone is of very fine quality. 5c. per lb.; \$2.50 per 100 lbs.; \$42.00 per ton. In bags, 167 lbs.

FOOD FOR FLOWERS.—A fertilizer made especially for flowers. It is almost free from odor and clean to handle. It produces a healthy luxurious growth and induces early and profuse flowering. A book on Treatment of Plants and Directions for use of Food given with every box of food. Small pkg., 15c.; large pkg., 25c.; sufficient for 15 plants per year.

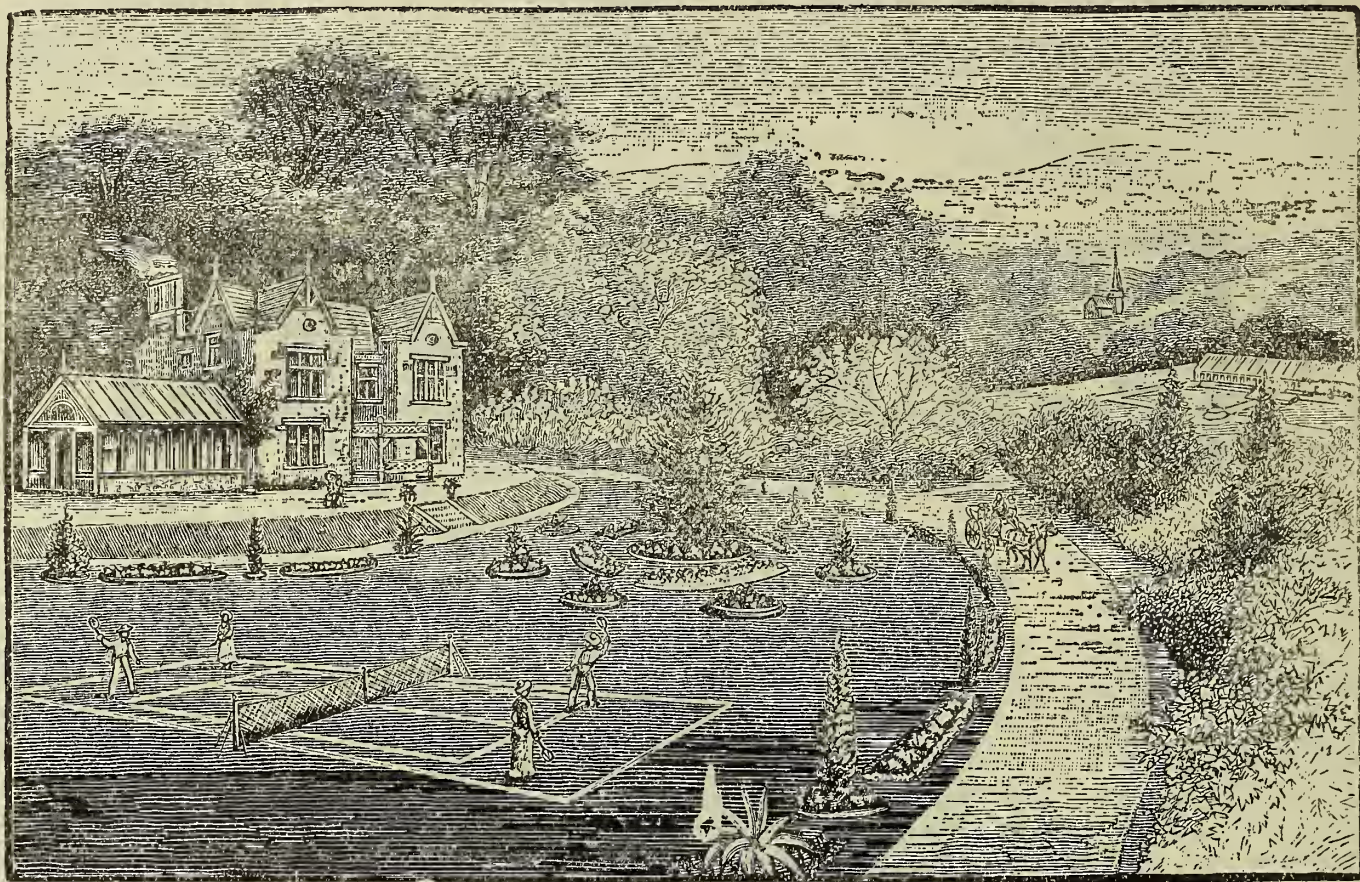
LIME.—Pure ground stone lime. Especially adapted for lawn dressing, it takes the sourness out of the soil and makes a beautiful green sward. 75c. per 100 lbs.; \$8.00 per ton. Ten cents refund on all bags returned in good condition.

WOOD ASHES.—Pure ashes; fine for top dressing for clover lawn; no adulteration. \$2.00 per 100 lbs.; \$25.00 per ton.

SHEEP MANURE.—One of the best fertilizers for aiding the growth of plants. \$2.00 per 100 lbs.; \$30.00 per ton.

Potash may be had to the amount of three per cent. upon request at the rate of \$8.00 per unit or one per cent.

PRICES SUBJECT TO MARKET FLUCTUATION.



Lawn Grass Seeds

The preparation for laying down lawns is too often hastily and imperfectly made. The first point is to get the ground shaped to the desired grade, taking care in grading that when the hills are removed sufficient subsoil is also removed, to be replaced with top soil, so that at least six inches of good soil will overlay the whole in all places. When the grading is finished, drains should be laid wherever necessary; then the whole should be thoroughly plowed, a subsoil following in the wake of the common plow, until it is completely pulverized. A heavy harrow should then be applied, until the surface is thoroughly fined down. All stones, roots, etc., should be removed, so that a smooth surface may be obtained. The lawn is now ready to be sown. When the seed is sown, a light harrow should be again applied, and after a thorough rolling given, so that the surface is made as smooth as possible. In the latitude of New York the seed may be sown at any time during the months of April and May, and will form a good lawn by August, if the preparation has been good. If sown in the hot months of June or July, a sprinkling of oats should be sown at the same time, so that the shade given by the oats will protect the young grass from the sun. For small plots, of course, digging, trenching and raking must be done, instead of plowing, subsoiling or harrowing. *If by mail, add six cents per quart.*

RIBSAM LAWN GRASS.—This is Composed of choice selected grasses, of neat compact growth, and will produce fine sward; 20c. per qt.; \$1.25 per peck; \$4.50 per bushel of 20 lbs.

LAWN GRASS, FOR SHADE.—Fine mixed, 25c. per qt.; \$1.50 per peck; \$5.50 per bushel of 18 lbs.

[For forming new Lawns, about four bushels per acre are required.]

Ribsam's Lawn Fertilizer

It is far superior to lump, straw manure, which disfigures the lawn with filthy materials, giving off an offensive odor, and is less expensive than manure; the cost of the Dressing being less, in many cases, than the cost of applying stable manure. It is odorless, and is so clean that anyone can apply it. It contains no weed seeds found always in manure, and which are the pests of the lawn. This is so prepared that it acts gradually through the seasons, producing a luxurious growth of grass of *rich green color*. It may be applied at any time during the Spring and Summer, or Autumn, or as often as the grass seems to need nourishment. One lb. to 10 square feet, or 500 lbs. to an acre. Price, per bag of 10 lbs., 50c.; per 25 lbs., \$1.00; per 100 lbs., \$3.00; per ton, \$48.00.

Pulverized Lime Stone (For the Lawn)

75c. per 100 lb. bags. Special price by the ton.

Annual and Perennial Flower Seeds.



Blooming the First Year from Seeds.

UPON THIS CLASS OF PLANTS THE GARDEN IS DEPENDENT FOR MANY OF THE RICHEST, MOST SHOWY, AND BEAUTIFUL FLOWERS, AND, CONSEQUENTLY, WE HAVE TAKEN SPECIAL CARE IN THE COLLECTION AND SELECTION OF THE CHOICEST SEEDS.

- ABRONIA UMBELLATA.—Trailing plants with rosy-lilac flowers in clusters. 10c. per pkt.
- ABOBRA.—10c. per pkt.
- ABUTEILON MIXED (Flowering Maple).—Rapid growing plant, bearing a profusion of bell-shaped flowers. 10c. per pkt.
- ACACIA.—Half hardy shrub, having beautiful racemes of yellow globular flowers. 10c. per pkt.
- ACANTHUS (Bear's Breech).—Rosy white flowers, blooming in August and September. 5c. per pkt.
- ACONTIUM (Monks Hood or Wolfsbane).—Produce long spikes of curious blue and white flowers. 5c. per pkt.
- ADONIS AUTUMNALIS.—Annual, crimson; 1 ft. 5c. per pkt.
- ADLUMIA CIRRHOSA (Mountain Fringe, Allegheny Vine).—Bi-annual climber, with tube-shaped flesh-colored flowers like bleeding heart. 10c. per pkt.
- AGERATUM (Floss Flower). BLUE PERFECTION.—Annual, dark blue. 10c. per pkt.
- “ ALBUN NANUM.—Pure white, 8 in., 10c. per pkt.
- ALYSSUM (Mad Wort). CARPET OF SNOW.—Dwarf, pure white. 5c. per pkt.
- “ MARITUM.—Of trailing habit, pure white. 5c. per pkt.
- AMARANTHUS.—Mixed colors, annual, bright red and variegated drooping flower spikes. 5c. per pkt.
- BICOLOR RUBRIE.—10c. per pkt.
- AMPELOPSIS VETCHII (Japanese Ivy).—A hardy climber with olive green leaves. 10c. per pkt.
- ANEMONE (Wind Flower).—Mixed colors, very fine for bouquets. 5c. per pkt.
- ANTHEMIS (Hardy Margaret).—Bear a daisy-like yellow golden blossom all summer. 10c. per pkt.
- ANTIRRHINUM (Snapdragon).—One of the best cut flowers that can be grown in the garden, they prefer a sunny position.
- ANTIRRHINUM.—Mixed. 5c. per pkt.
- “ Yellow. 5c. per pkt.
- “ White. 5c. per pkt.
- “ Crimson. 5c. per pkt.
- “ Rose. 5c. per pkt.
- AQUILIGIA (Columbine).—Mixed exquisite flowers with flowers on long spurs. 5c. per pkt.
- ARISTALOECHIA TYPHO (Dutchman's Pipe).—Heavy foliage, making dense shade. Flowers yellow and brown. 10c. per pkt.
- ARMERIA (Sea Pink).—Very pretty edging plant bearing rosy-pink flowers. 10c. per pkt.
- ASPARAGUS PLUMOSUS NANUS.—Fresh greenhouse seed. 25c. per pkt.
- “ SPRINGURI.—Fresh greenhouse seed. 10c. per pkt.
- ASTERS, CHINA.—Mixed, a very superb collection. 5c. per pkt.
- “ BRANCHING WHITE.—Extra fine pure white, blooming profusely. 10c. per pkt.
- “ VICTORIA BLUE.—A popular blue. 10c. per pkt.
- “ QUEEN OF THE MARKET, CRIMSON.—One of the best reds. 10c. per pkt.
- “ GIANT COMET ROSE.—Flowers of good size. 10c. per pkt.



ASTER, CHINA.

BALSAM (Lady Slipper).—An old favorite, producing a profusion of brilliant-colored double flowers. 5c. per pkt.



BALSAM, DOUBLE CAMELIA-FLOWERED.

BALLOON VINE (Love in Puff).—Climber flowers, white seed, like small balloon. 5c. per pkt.

BACHELOR'S BUTTON (See GOMPHRENA).

BEGONIAS (Tuberous Rooted).—Single in separate colors. Scarlet, crimson, rose, white, yellow and orange. 7c. each; 75c. per doz.; \$5.00 per 100.

" Double in separate colors. Scarlet, rose white, yellow. 10c. each; \$1.00 per doz.; \$6.00 per 100.

BELLIS (English Daisy).—Perennial, double mixed daisy. 10c. per pkt.

" (Double Longfellow Daisy).—Large double pink. 15c. per pkt.

BRACHYCOME (Swan River Daisy).—Free flowering dwarf-growing, suitable for edging, producing blue and white flowers. 5c. per pkt.

BROMUS.—5c. per pkt.

BROWALLIA ELATA (Amethyst).—Large sky-blue flowers with white centre. 5c. per pkt.

" ALBA.—Large white flower. 5c. per pkt.

CALANDULA.—Has large, showy flowers. It is easy to cultivate. 5c. per pkt.

CACALIA (Tassel Flower).—A neat annual flower, golden yellow and scarlet, fine for borders. 5c. per pkt.

CALCEOLARIA.—Plants bear a mass of beautiful flowers of all colors. 5c. per pkt.

CANDYTUFT (Iberis).—Universally known, one of the best flowering plants for cutting.

" " Mixed colors. 5c. per pkt.
" " White and other solid colors. 5c. per pkg.

CANNA (INDIAN SHOT).—Mixed colors. 5c. per pkt.

CAMPANULA (CANTERBURY BELLS).—Beautiful large flowers, bell shaped and blooming quite profusely. 5c. per pkt.

CALLIOPSIS (GOLDEN RAY).—Dwarf compact plants, covered with flowers of rich maroon edged with golden yellow. 5c. per pkt.

CHERIANTHUS (See Wall Flower).

CHRYSANTHEMUM.—Mixed colors producing flowers of many colors. 5c. per pkt.

CELOSIA (COCKSCOMB).—Mixed colors. 5c. per pkt.

" " RED EMPRESS. — Rich crimson combs of colossal proportions. 5c. per pkt.

CLEOME (GIANT SPIDER FLOWERS).—Plant attains height of three and one-half feet, each branch having a large head of rosy-crimson flowers. 10c. per pkt.

CENTAURIA (DUSTY MILLER) GYMNOCARPA.—White foliage, fine for hanging baskets, borders and pots. It has silvery white leaves, which are broadly cut. 5c. per pkt.

CEN. CANDISSIMA.—10c. per pkt.

CINERARIA.—Fine mixture of the dwarf variety, fine starry flowers of all variegations and colors. 5c. per pkt.

CINERARIA STELLATA.—25c. per pkt.

" HYBRIDA.—25c. per pkt.

" PRIZE DWARF.—35c. per pkt.

" CANDISSIMA.—5c. per pkt.

COLEUS (FLAME NETTLE).—This is a selected mixture of fine, highly colored hybrid varieties. 15c. per pkt.

CORNFLOWER (CENTAURIA) CYANUS.—This is very valuable as a cut-flower in the old-fashioned garden. 5c. per pkt.

CONVOLVULUS MAJOR (MORNING GLORY).—This is the climber and is one of the most free growing and blooming plants under cultivation. 5c. per pkt.

" MINOR (MORNING GLORY).—This is the dwarf Morning Glory which bears a profuse abundance of large richly-colored flowers. 5c. per pkt.

" JAPANESE (See IPOMŒA).—10c. per pkt.

COCCINEA INDICA (SCARLET-FRUITED IVY-LEAVED CLIMBER).—A handsome climber of the gourd species, with fine snow-white bell-shaped flowers and brilliant carmine fruit. 5c. per pkg.

COBEA SCANDENS (CUPS AND SAUCERS VINE).—A rapid climber to 50 ft., large bell-shaped purple flowers. 5c. per pkt.

COSMOS.—These are the most popular of all fall-blooming plants, producing thousands of flowers of all colors.

FINE MIXED. 5c. per pkt

RED. 10c. per pkt.

WHITE. 10c. per pkt.

PINK. 10c. per pkt.

STRIPED. 10c. per pkt.

CUPHEA (CIGAR PLANT).—An old favorite for the summer garden, bearing innumerable vermilion tube-shaped flowers. 5c. per pkt.

CYPRESS VINE (IPOMŒA QUAMOCLIT).—This vine grows rapidly, having a fern-like foliage and bears a mass of beautiful star-shaped flowers. 5c. per pkt.

CYPERUS (UMBRELLA PLANT).—This plant is very valuable as both a house and an aquarium plant. 5c. per pkt.

DAHLIA (LITTLE PET DWARF).—Perennials, will bloom first year if sown early. 10c. per pkt.

DATURA (TRUMPET FLOWER).—An ornamental annual, with large showy flowers, making handsome plants, 2 to 3 ft. high. 5c. per pkt.

DIANTHUS (CARNATION).—Double mixed. 5c. per pkt.

" (MARGUERITE).—Summer pink, 12 to 15 in. high. 5c. per pkt.

" (JAPAN PINK).—Double mixed, colors varying from rich velvety crimson to most delicate rose. 5c. per pkt.



CARNATION, MARGUERITE.

DIGITALIS (FOX GLOVE).—Mixed colors, flowers produced on long stems, making a very beautiful plant in the garden. 5c. per pkt.

DOLICHOS (HYACINTH BEAN).—Climber, grows ten feet, flowers freely in erect racemes and produces ornamental seed pods. 5c. per pkt.

ERIANTHUS.—10c. per pkt.

ECHENOCYSTIS LOBATA (WILD CUCUMBER).—A very rapid climber, producing sprays of white flowers during July and August. 5c. per pkt.

ESCHSCHOLTZIA (CALIFORNIA POPPY).—This is a very attractive plant for bedding, blooms until frost. flowers mixed in colors. 5c. per pkt.

ESCHSCHOLTZIA (CALIFORNIA POPPY).—Assorted colors in stock. 5c. per pkt.

FUSCHIA (LADY'S EARDROP).—A plant easily cultivated in the garden or in a shady place in the garden. 5c. per pkt.

GAILLARDIA SCARLET (BLANKET FLOWER).—Has very showy flowers, blooming in great profusion. 5c. per pkt.

GAILLARDIA PICTA.—5c. per pkt.

GERANIUM (PELARGONIUM).—We have a very good mixture of the seed of this popular plant. 20c. per pkt.

GERANIUMS (ASSORTED).—10c. per pkt.

GOLDEN GLOW (RUDBECKA).—A very tall plant, suitable for hiding fences, and bearing large yellow flowers, very suitable for cut flowers. 5c. per pkt.

GOMPHRENA (BACHELOR'S BUTTON).—This is a first-rate bedding plant; the flowers can be dried and used in winter bouquets. 5c. per pkt.

GYMERIASM (PAMPAS GRASS).—5c. per pkt.

GODETIA.—Bushy annual, with large, showy flowers of rich coloring. 5c. per pkt.

GOURD BALSAM APPLE (CUCURBITA).—A very pretty climber with glossy foliage and round apple-shaped fruit. 5c. per pkt.

GYPSOPHILA (BABY'S BREATH).—It bears large panicles of misty white flowers which are very suitable for mixing with other flowers. 5c. per pkt.

HELIOTROPE (CHERRY PIE).—A perennial known to everyone; having a most delightful perfume. We have it in mixed, white and other colors. 5c. per pkt.

HELICHRYSUM (STRAW, OR ETERNAL FLOWER).—These are the best flowers for drying, are also very pretty in the garden. 5c. per pkt.

GOURDS (CUCURBITA).—Annual climber to 20 ft., with ornamental foliage and peculiar fruit. 5c. per pkt.



GOURDS, ORNAMENTAL.

HELIANTHUS, HARDY SUNFLOWER.—Hardy grower, with large golden flowers in autumn. 5c. per pkt.

HIBISCUS (MARSHMALLOW).—It has a large-sized, beautifully colored flower, and is very suitable for mixed beds. 5c. per pkt.

HOLLYHOCK (ALTHEA).—This annual is unsurpassed for a background; it has beautiful, long spikes bearing large gorgeous flowers. We carry both mixed and assorted colors. 5c. per pkt.

HOLLYHOCK.—WHITE. 10c. per pkt.

“ **YELLOW.** 10c. per pkt.

“ **RED.** 10c. per pkt.

HUMULUS JAPONICUS (JAPANESE HOP).—A beautiful, fast-growing climber, resembling the hop vine. 10c. per pkt.

IPOMOPSIS ELEGANS.—10c. per pkt.

IPOMCEA (MOONFLOWER).—White, bearing large gorgeous flowers, which open in the evening and close with the coming of the morning. The plant is a very rapid climber. 10c. per pkt.

“ **(JAPANESE).**—These are by far the handsomest morning glory, having magnificent large flowers with colorings beyond description. 10c. per pkt.

KOCHIA FIRE BALL.—10c. per pkt.

JACOBIA DWARF DOUBLE.—10c. per pkt.

LARKSPUR (DELPHINIUM).—Double mixed; is the finest variety, with splendid spikes of beautiful double flowers. 5c. per pkt.

LARKSPUR NUDICULE.—10c. per pkt.

“ **FORMOSIUM.**—5c. per pkt.

“ **CARDINAL.**—10c. per pkt.

LARKSPUR DWARF ROCKET.—It is a double dwarf, growing but 18 in. 5c. per pkt.

LARKSPUR.—Assorted colors, a fine collection. 5c. per pkt.

LANTANA.—A most desirable bedding plant, blooming abundantly and growing from 2 to 3 ft. 5c. per pkt.

LOBELIA.—This plant is most desirable for bedding and for hanging baskets. 5c. per pkt.

LINARIA CYMBALARIA (KENILWORTH IVY).—Perennial trailing plant suitable for basket work. 10c. per pkt.

MARIGOLD (TOGETAS) AFRICAN.—An old favorite, having large orange and yellow flowers. 5c. per pkt.

" " **FRENCH.**—This strain is more dwarf and bears striped flowers. 5c. per pkt.

MARVEL OF PERU (MIRABILIS, OR FOUR O'CLOCK).—This is a handsome, well-known old flower, which does well everywhere. 5c. per pkt.

MESEMBRYANTHEMUM (ICE PLANT).—Dwarf trailing plant with singular icy foliage and white flowers. 5c. per pkt.

MIMULUS MOSCHATUS (MONKEY FLOWER).—Showy, profuse bloomer; does well in moist places. 10c. per pkt.

MIMULUS TIGRINUS.—10c. per pkt.

MIMOSA SENSITIVA (SENSITIVE PLANT).—Leaves close and drop when touched, flowers pinkish-white. 5c. per pkt.

MIGNONETTE (RESEDA) ODORATA.—No garden is complete without it, for its sweet fragrance is very pleasing. 5c. per pkt.

" " **ASSORTED.**—A very choice collection of the different varieties. 5c. per pkt.

" **ALLEN'S DEFIANCE.**—5c. per pkt.

" **MATCHET.**—10c. per pkt.

MARANDIA BARCLIANNA.—5c. per pkt.

MYOSOTIS (FORGET-ME-NOT).—One of the most admired spring plants, bearing the well-known little blue flower. 5c. per pkt.

NASTURTIIUM.

For ease of culture, duration of bloom, brilliancy of coloring and general excellence, nothing excels Nasturtiums. All they need is a moderately good soil in a well-drained, sunny position, and from within a few weeks from the time they are sown until hard frost comes, there is an endless profusion of their gorgeous blossoms. The varieties offered below are the best selected from many sorts.

Tom Thumb, Dwarf or Bedding Varieties.

MIXED COLORS.—5c. per pkt.; 10c. per oz.; 25c. per ¼ lb.; 75c. per lb.

Tall or Climbing Varieties.

NAMED VARIETIES.—5c. per pkt.; 10c. per oz.; 35c. per ¼ lb.; \$1.00 per lb.

NICOTIANA (TOBACCO, OR TOBASCO FLOWER).—Pink and white tubular flowers, blooming continually. Sweet scented. 5c. per pkt.

NIGELLA DAMASCENA (LOVE-IN-A-MIST, OR DEVIL-IN-THE-BUSH).—Has finely cut foliage with peculiar flowers of corn-flower blue shade. 5c. per pkt.

PANSY (VIOLA) MIXED.—This flower is known to everyone, fine mixed. 5c. per pkt.

" " **GERMAN.**—Fancy colors, fine mixed. 10c. per pkt.

" " **FRENCH.**—Mammoth flowers. 10c. per pkt.

" " **ENGLISH.**—Large flowered. 10c. per pkt.

PASSIFLORA (PASSION VINE).—Flowers violet and blue. 5c. per pkt.



PANSY, GERMAN.

PENTSTEMNON (BEARD TONGUE).—A very hardy border plant, ranking with the best of bedding plants. 10c. per pkt.

PETUNIA.—Few plants surpass this as both an outdoor and indoor decorative plant. We carry it in mixed and assorted colors both in single and double flowers. 5c. per pkt.

PHLOX DRUMMONDII.—This popular plant will grow in any soil, provided it is given sun. We carry it in assorted and mixed colors. 5c. per pkt.

PHLOX HARDY.—We carry this in four separate colors. 10c. per pkt.

POPPY (PAPAVER) ICELAND.—These are very suitable for cutting, bloom first season, should be picked when in bud, foliage fern-like. 5c. per pkt.

" " **SINGLE MIXED.**—This is a mixture of fine single flowering sorts of all colors and variegations. 5c. per pkt.

" " **DOUBLE MIXED.**—Same as above with exception that flowers are double. 5c. per pkt.

" " **SHIRLEY.**—This is the best of all single poppies, making a magnificent profusion of color in the garden. 5c. per pkt.

PORTULACA (SUN PLANT).—A beautiful plant for massing in beds or in rock work, producing a riot of color. 5c. per pkt. We have the seed of both the double and single-flowering varieties. 10c. per pkt.

PRIMULA VERIS (COWSLIP).—These are one of the best spring flowering plants; they will stand the winter with a slight protection. 10c. per pkt.

PRIMULA ARACUILA.—15c. per pkt.

RAGGED ROBIN (CENTAUREA).—This flower, known to every flower lover, comes in blue, rose and white. 5c. per pkt.

REHMANNIA ANGULATA.—Herbaceous perennial with tufted leaves and spikes of rose-colored flowers. 15c. per pkt.

RICINUS (CASTOR OIL BEAN).—Fine for centre of bed or massing; it is of stately growth, bearing beautiful fruit and foliage. 5c. per pkt.

RUDBECKIA (GOLDEN GLOW).—5c. per pkt.

SCABIOSA (MORNING BRIDE, OR EGYPTIAN ROSE).—An excellent cut-flower, therefore no garden is complete without it; can be had in dwarf or tall varieties and all colors. 5c. per pkt.

SCHIZANTHUS (BUTTERFLY, OR FRINGE FLOWER).—It is a very airy and dainty flower, which are orchid-like and almost obscure the foliage so densely are they borne. 10c. per pkt.

SHASTA DAISY.—This is a special selection of hybrid daisies, bearing a flower of large size, which makes it desirable for cutting. 5c. per pkt.

SILENE (CATCHFLY).—Bears white, pink and red flowers, making a very pretty and handsome plant. 5c. per pkt.

SMILAX—A desirable green foliage climber with a small white flower. It does best in pots in the house where it can be used for draping or festooning. 5c. per pkt.

STATIS (SEAR LAVENDER).—Very good for border-

ing, producing panicles of minute flowers; it can be dried and used for winter bouquets. 5c. per pkt.

STEVIA.—Bears a multitude of pure white flowers, which are very fragrant. 5c. per pkt.

SUNFLOWER.—(**HELIANTHUS**).—This is a mixture of the miniature sunflower, containing a variety of smaller, larger, and curiously twisted petals varying from the original miniature sunflower. 5c. per pkt.



Sweet Peas

The Giant-Waved
"Spencer"
Sweet Peas.

Inoculate this
Seed with
FARMOGERM.

The Spencers are the largest and most beautiful of all Sweet Peas, surpassing the older kinds in strong growth, size and form of flowers and continued profusion of bloom.

BEATRICE SPENCER—Wings pink-shaded buff.

ASTA OHM SPENCER.—Soft lavender and purplish-mauve.

PRIMROSE SPENCER.—Primrose.

ELFRIDA PEARSON SPENCER.—Soft pink.

TRUE COUNTESS SPENCER.—Bright, clear pink.

KING EDWARD SPENCER.—Rich, bright crimson, very large waved flowers.

WHITE SPENCER.—Pure white.

GEORGE HERBERT SPENCER.—Crimson.

Mixed colors, 20c. per oz.; 55c. per ¼ lb.; \$2.00 per lb.

Named varieties, Spencer, 25c. per oz.; 65c. per ¼ lb.; \$2.50 per lb.

Ribsam's Selection of Sweet Peas.

Grandiflora Strain.

QUEEN ALEXANDER.—Bright scarlet.

EMILY HENDERSON.—White.

HON. MRS. E. KENYAN.—Salmon orange.

LADY GRISWOLD HAMILTON.—Lavender.

AURORA.—Rose and orange on white.

KATHRYN TRACY.—Vermilion rose.

PHENOMENAL.—White shaded lilac.

PRINCE OF WALES.—Rich carmine rose.

PRIMA DONNA.—Rosy pink.

BLANCHE FERRY.—Bright pink white wings.

NAVY BLUE.—Deep indigo blue.

APPLE BLOSSOM.—Rose blush wings.

MIDNIGHT.—Dark purple.

DOROTHY ECKFORD.—Large pure white.

Named varieties, 5c. per pkt.; 20c. per oz.; 65c. per ¼ lb.; \$2.25 per lb.

Mixed colors, 5c. per pkt. 10c. per oz.; 25c. per ¼ lb.; 75c. per lb.

SWEET WILLIAM (DIANTHUS BARBATUS).—This is another of the great favorites of the garden being beautiful and well adapted for cutting. We have it in all the separate colors and in mixed packages. 5c. per pkt.

TEN-WEEKS-STOCK (GILLIFLOWER).—The stock is a very popular annual because of its variety of color and its adaptation as a bedding and pot plant. We carry a full line of the seed in the separate and mixed colors. 5c. per pkt.

THUMBERGIA (BLACK-EYED SUSAN).—A beautiful, rapid growing climber; does well in hanging baskets, prefers a warm, sunny place. 5c. per pkt.

VINCA (MADAGASCAR PERIWINKLE).—This is a very satisfactory bedding plant; also suitable for cutting. We have it in separate and mixed colors. 5c. per pkt.

VERBENA.—Known to everyone; it is a free bloomer of vigorous habits, bearing large, gorgeously colored flowers. 5c. per pkt.

VALERIANA (GOLDEN HELIOTROPE).—A fine old-fashioned hardy plant, with heads of old rose, with a strong heliotrope odor. 5c. per pkt.

VIOLET SWEET.—Large flowered single varieties, in blue and white. 5c. per pkt.

WALL FLOWER.—It is an early spring bloomer, bearing beautiful flowers. 5c. per pkt.

XERANTHEMUM (EVERLASTING FLOWER).—This is the prettiest of all everlasting flowers. The seed is mixed and contains all the colors. 5c. per pkt.

ZINNIA (YOUTH AND OLD AGE).—The flowers are very brilliant and showy, they are pretty and are a favorite. 5c. per pkt.



General Collection	Plants	Standard Varieties
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AGERATUMS.

10 cents each. \$1.00 per dozen.

MAYFLOWER.—Dark blue. Dwarf.
COBES GEM.—Lavender.

AMARYLLIS.

JOHNSONII.—An elegant pot plant, with crimson flowers. One of the best. Price, 50c. each.

ASPIDISTRA.

Ornamental and attractive plants, with large, broad, leathery leaves. The hardiness of these lovely plants should bring them into more general cultivation. Price, 50c. and \$1.50 each.

L.A. RIDA.—Foliage dark green.

ALOYSIA CETRIONDRA.

(Lemon Verbena.)

Price, 10c. to 50c. each.

The delightful fragrance of its leaves renders it indispensable in making bouquets.

ABUTILON (Fairy Bell)

10c. each; \$1.00 per doz

AURIUM MACULATUM.—Green and yellow mottled foliage; flowers yellow, veined with crimson.

VEXILARIUM AUREUM PICTUM.—Dark green leaves, spotted with golden dots, and of trailing habit.

YELLOW BOY.—The finest yellow-flowering.

ACHYRANTHUS.

5c. each; 50c. per dozen.

LINDENNII.—Dwarf and compact in habit with narrow lanceolated leaves of a deep red color.

ALTERNANTHERAS.

5c. each; 50c. per doz.

MAGNIFICA.—Crimson and rose; extra.

VERSCOLOR.—Light rose and carmine.

AUREA NANA.—A rival to the well-known Golden Feather in color, and will no doubt supersede it entirely, it being dwarfer and higher colored.

ALYSSUM.

5c. each; 50c. per doz.

SWEET, DOUBLE WHITE.—The variety will be found valuable for cut flowers.

TOM THUMB.—A very dwarf, compact variety.

ANTHERICUM VITATUM VARIEGATA.

15c. and 25c. each.

A beautiful greenhouse or conservatory plant, with recurved, graceful foliage, which attains a growth of about two feet. The leaves are dark green, beautifully marked with broad stripes and bands of a creamy-white color. It produces long spikes of a pretty, small, white, star-shaped flower, which are quite effective. It is also ornamental as a specimen or basket plant.

ASPARAGUS.

We consider this variety the grandest acquisition for decorative purposes for the greenhouse, conservatory, or for cutting from, that has been offered in years. As a plant for contrast it stands unrivaled. For bouquets or floral decorations it possesses more durability than any of the ferns. It will retain its freshness of beautiful rich green when cut for several weeks when placed in water. It is also a desirable pot plant.

PLUMOSA.—A feathery plume, light foliage. 10c. and 50c. each.

SPRINGERII.—Of a trailing habit, beautiful for hanging-basket. 15c. and 50c. each.

TENUISSIMUS, CLIMBING VARIETY.—15c. to 50c. each.

FOLIAGE BEGONIAS.

15c. to 25c. each.

LISTERII (*Diadema*).—A fine cut-leaved foliage Begonia; leaves deep olive green covered with silvery luster and spotted gray; a distinct kind.

REX.—In variety.

BEGONIAS (Blooming).

10c. to 25c. each, except noted.

GLORY DE LORAINÉ.—New pink flowering, one of the finest pot plants ever introduced. Small size, 25c. each; large size, 50c., \$1.00 each.

ARGENTEA PUNCTATA.—Its silvery-bronze leaves resemble the Begonia Rex.

ARGYROSTYGMA PICTA.—Flowers pink; leaves spotted white.

COCCINEA RUBRA.—A scrubby Begonia; bright, large scarlet flowers, freely produced.

FUCHSOIDES ALBA.—Flowers pure white.

HYBRIDA MULTIFLORA.—Rosy pink; the best Winter flowering.

INCARNATA METALLICA.—Large, glossy leaves; fine pink flower clusters.

SAUNDERSONII.—Flowers scarlet shaded crimson.

SANGUINEA.—Surface of leaves olive; under side crimson.

SMITHII.—Handsome deep-green foliage; pinkish-white flowers.

TUBEROUS-ROOTED.—Various colors, single and double, 25c. each; \$2.50 per doz.

CANNA, FRENCH.

15c. each; \$1.50 per doz.

Plants used largely in sub-tropical gardenings, for the grand effect which their rich and vari-colored flowers produce. They combine the most striking tropical foliage with flowers, many of them equal to Gladiolus. Our collections comprise various colors and shades of scarlet, pink, yellow, and scarlet bordered in yellow.

CALLA ETHIOPIA (Lily of the Nile).

35c. to 50c. each.

A fine house-plant. It requires an abundance of water during the growing season, and should have a period of rest from May to August by turning the pots on their sides in some shady place.

SPOTTED-LEAVED CALLA. Flowers white; 35c. each.

FANCY CALADIUMS.

25c. each; \$1.50 per doz.

Large quantities of these are now used for Summer and Fall decorations. They are easily grown, thriving in pots or boxes in the house or shaded situations out of doors. The bulbs should be dried off in October and kept in a warm, dry place during the Winter. They should be started in growth about May 1st.

CENTAUREA.

5c. each; 50c. per doz.

GYMNOCARPA.—Attains a diameter of two feet, forming a graceful, rounded bush of silvery gray, for which nothing is so well to contrast in ribbon lines with dark foliage plants.

CANDIDISSIMA.—Broad-leaved. Elegant for border. 10c. each; \$1 per doz.

COBEA SCANDENS.

10c. each; \$1.00 per doz.

A beautiful climber of rapid growth, bearing large, bell-shaped flowers. Foliage large and dark green in color.

COLEUS.

5c. each; 50c. per doz.

SPOTTED GEM.—Yellow ground, regularly blotched crimson, green and orange.

MULTICOLOR.—Maroon and crimson.

HERO.—Chocolate maroon. Very fine.

GOLDEN BEDDER.—Pure yellow; equally as good a bedder as the *Verschaffeltii*.

VERSCHAFFELTII.—The oldest, still one of the best; dark, blood-red, solid color.

QUEEN VICTORIA.—Crimson; the brightest of golden edge.

FIREBRAND.—Bright red; strong grower.

CARNATION.

Small plants, 10c. each; \$1.00 per doz. Large plants, 20c. each; \$2.00 per doz.



DAY BREAK.

DAY BREAK.—A flesh-pink color; very beautiful.

QUEEN LOUISE.—Large white flower; very fragrant.

WINDSOR.—Brilliant pink; stem erect; one of the best,

BLACON.—Red; large flower and profuse bloomer.

DAHLIA.

Our collection comprises fifteen colors.
3-inch pots, 10c. each; \$1.00 per doz.
Tubers, 15c. each; \$1.50 per doz.

FUCHSIA.

15c. each; \$1.50 per doz.

ELM CITY.—Double; one of the best, forming large globular crimson purple balls.

PRINCE BLACK.—Single; carmine pink; very profuse in blooming; extra good.

STORM KING.—Double; corolla white; very free.

CALANDULA.

Brilliant orange-colored flower, blooms the entire summer profusely, about 9 in. high. 10c. each; \$1.00 dozen.

FICUS ELASTICA (India Rubber Plant).

50c. to \$2.50 each.

One of the best plants for home culture. It stands coal-gas, dust and neglect better than almost any other plant. We offer some fine specimens.

FERNS.

10c. to \$2.00 each.

These beautiful plants are now very generally cultivated; their great diversity and gracefulness of foliage make them much valued as plants for vases, baskets or rock work, or as specimen plants for parlor or conservatory, in assortment. Our collection comprises about forty varieties.



NEPHROLEPIS SCOTTI.

The Culture of the Chrysanthemum.

If wanted to flower in the open ground, all that is necessary is to plant them in the open border in any good ground, well enriched with manure. They can be planted out any time from April to July, though preference may be given to May. The "topping" or "pinching" back, as it is called, should not be done later than about the last week in August; if any later, it might destroy the flowering to some extent. If pinched back regularly as the shoots get from 4 to 5 inches long, they will form an average width by October 15th of two feet in diameter. The plants should be set out about two feet apart each way.

We have a general collection of leading Japanese varieties. 10c. each; \$1.00 per doz.

GERANIUMS (Ivy-Leaved).

In 6 varieties. 10c. each; \$1.00 per doz.

GERANIUM (Happy Thought).

10c. each; \$1.00 per doz.

This is still much admired. A novel style of leaf variation in the Geraniums, differing in the ordinary form in having a large yellow blotch in the center of the leaf with an outer band of green at the margin. Flowers rich magenta rose.

DOUBLE GERANIUMS.

In 12 varieties. 10c. each; \$1.00 per doz.

Extra size plants, 15c. each; \$1.50 per doz.

SCENTED GERANIUMS.

10c. each; \$1.00 per doz.

The sweetly scented foliage of these varieties makes them valued for bouquets and baskets. They embrace in the different odors, lemon, nutmeg, rose, pennyroyal, peppermint, citron, apple, etc.

SINGLE GERANIUMS.

In 12 varieties. 10c. each; \$1.00 per doz.

GLADIOLUS.

MIXED COLORS.—3c. each; 25c. per doz.

NAMED VARIETIES.—5c. each; 50c. per doz.

HELIOTROPES.

10c. each; \$1.00 per doz.

CHIEFTAIN.—Rich shade of violet; large truss.

MME. BLONAY.—The only nearly pure white Heliotrope in cultivation.

FLORENCE.—Bluish-lilac; profuse bloomer.

HIBISCUS, CHINESE.

10c. to 75c. each.

ROSA SINENSIS.—Single, red.

AURANTIACA FL. PL.—Double, salmon.

GRANDIFLORUS.—Double, rosy crimson.

HYDRANGEAS.

PANICULATA GRANDIFLORA.—This is one of the most valuable hardy shrubs in cultivation. It attains a height of three or four feet, and is perfectly hardy in all parts of the country. The flowers are white, borne in immense clusters. Price, 50c. each.

OTASKA.—A splendid variety from Japan. Flowers large, bright pink, tinted with blue. Price, 50c. each.

THOMAS HOGG.—The immense trusses are of the purest white, and remains so a long time. Price, 50c. each.

IMPATIENS SULTANA.

10c. each; \$1.00 per doz.

One of the most useful plants, of recent introduction. As a fine-flowering plant, we know of none to surpass it. The flowers are of a beautiful carmine color, foliage always fresh and green.

IVY.

GERMAN, or PARLOR.—Smooth, glossy, light green leaves. A very rapid grower. 5c. each; 50c. per doz.

KENILWORTH (*Linari Cymbalaria*).—A pretty drooping variety, with small lilac flowers. Fine for baskets and vases. 5c. each; 50c. per doz.

EVERGREEN ENGLISH.—10c. to 25c. each.

BOSTON IVY.—15c. each.

LANTANAS.

10c. each; \$1.00 per doz.

(Collection of Six Colors.)

LILIES.

25c. each; \$2.50 per doz.

LILIUM AURATUM.—Golden-banded Japan Lily. The finest of all. Fragrant.

LILIUM LANCIFOLIUM.—Trumpet-shaped; white. One of the finest.

LILIUM CANDIUM.—The old white Lily.

LILIUM ROSEUM AND RUBRUM.—The hardiest of all; fragrant; good for pot culture; white and rose; bears three to twelve flowers.

HARRISSII, EASTER LILY.—This beautiful Lily was introduced a few years ago from Bermuda. The flowers are large, trumpet-shaped, pure waxy white. The fragrance is delightful. 50c. each.

PINKS (Hardy).

15c. each; \$1.50 per doz.

ALBA FIMBRIATA.—Fringed white.

ALBA MULTIFLORA.—Pure white; fragrant.

PLUMBAGO.

The Plumbagos are desirable on account of their beautiful shades of blue, a color by no means too common among our flowering plants.

CAPENSIS.—Light blue. 10c. to \$1.00 each.

PHLOX.

DRUMMONDII.—All colors; strong plants. 5c. each; 50c. per doz.

HARDY.—See Nursery Department in this catalogue.

LOBELIAS.

5c. each; 50c. per doz.

COMPACTA.—Blue; the best bedding variety.

GRACILIS.—Blue; trailing; for baskets.

LINUM FLAVUM.

A beautiful dwarf-growing plant. The flower somewhat resembles the Nierembergia, but is of a beautiful, bright golden yellow color. It blooms in abundance, both Winter and Summer. Price, 15c. and 25c. each.

MOON VINE.

10c. each; \$1.00 per doz.

NASTURTIIUM.

Price, 5c. each; 50c. per doz.

YELLOW TOM THUMB.

KING OF TOM THUMBS.—Crimson scarlet.

NIEREMBERGIA GRACILIS.

A pretty bedding plant of good habit and delicate foliage; flowers light blue, with dark center; ever-blooming. 5c. each; 50c. per doz.

OTHONNA GRASSIFOLIA.

In habit it somewhat resembles some varieties of our Sedums. It is a fine plant for baskets or vases. It has small, bright yellow tassel-like flowers, which are borne in great profusion. It stands the hottest sun. 5c. each; 50c. per doz.

OXALIS.

10c. each; \$1.00 per doz.

FLORABUNDA ALBA.—An ever-blooming variety. used for pots and baskets; white flowers.

LUTA.—Large, yellow flower.

ROSEA.—Similar to above, with rose-colored flowers.

PALMS, DRACENAS AND OTHER HOUSE PLANTS.

PANDANUS UTILIS (*Screw Pine*).—So called from the arrangement of the leaves on the stem. It is a beautiful plant, well adapted for vases, etc. Price, 50c. and \$2.00 each.

PANDANUS VEITCHII.—Same as the above, only more vigorous, and leaves striped creamy white. \$1.00 and \$4.00 each.

AURACARIA GLAUCA.—A beautiful evergreen house plant. 75c. to \$3.00.

DRACENA INDIVISA.—Of all the plants in use for centers of vases, baskets, or for beds, nothing is so valuable as this. From its graceful habit it is sometimes called the Fountain Plant. We have a large stock of these plants, therefore offer them low. Price, 35c. and \$1.00 each.

DRACENA TERMINALIS.—50c. to \$1.50 each.

ARECA LUTESCENS.—Very graceful palm. 25c. to \$8.00 each.

LATANIA BORBONICA.—Fan Palm. Large, deeply-divided leaves. It is of easy cultivation. Price, 25c. to \$4.50.

CYCAS REVOLUTA.—A very erect and fine variety. 75c. to \$5.00 each.

COCO WEDDELIANA.—Very fine leaves; dark green color and bright. 25c. and \$4.50 each.

KENTIA BELIMORIANA.—High-growing graceful palms. 50c. to \$10.00 each.

**PANSY.****PANSY.**

This plant has received special selection and culture, so that the stock offered can be relied on as embracing the best from foreign and domestic collections, comprising the various shades of color, with flowers of the largest size and fine form. 5c. each; 50c. per doz.; \$3.50 per 100.

PASSAFLORES (Passion Vine).

A beautiful class of rapid growing climbing plants, well adapted for house culture in Winter, or for training over porches etc., in Summer.

CERULEA.—A rapid growing vine with very singular purplish flowers, nearly two inches in diameter. 15c. each; \$1.50 per doz.

PETUNIAS.

Few plants will give better satisfaction where a mass of flowers is desired than the Petunias, especially the single varieties. They flower from the time they are planted in the Spring until killed by frost. The double varieties are very fine, but do not flower as freely as the single.



PETUNIA, DOUBLE.

PETUNIA DOUBLE.—Named varieties. 10c. each; \$1.00 per doz.

PETUNIA, SINGLE, FRINGED.—Mixed colors. 8c. each; 75c. per dozen.

PRIMROSE, CHINESE (Single Red, White, etc.)

One of the finest Winter blooming plants, the single varieties blooming more profusely than the double sorts, and of easier culture. They are especially adapted for window gardening, giving an abundance of bloom during the Winter months. Care should be taken, however, not to keep them too wet. 35c. each; \$3.50 per doz.

LIST OF ROSES.

This is one of the departments of which we take great pride and care as to only grow the best standard varieties, which are hardy and bloom well in this climate. You will see that we have three classes, namely, monthly, which is an ever-bloomer, and Hybrid Teas, which are larger flowers, but not quite as productive as the monthly variety, as well as the Hybrid, which flower but once a year, and occasionally give you a flower during the summer. We grow all these three varieties by the thousands, which are delivered to you in pots after May 10th. The prices are as follows:

5-in. pots, 50c. each; \$5.00 per doz.

6-in pots, 75c. each; \$7.50 per doz.

(The above prices include running roses as well.)

MONTHLY.

RICHMOND.—Bright red.

SUNBURST.—Golden yellow.

MY MARYLAND.—Clear pink.

LADY HILLINGDON.—Coppery yellow.

KAISERIN AUGUSTA VICTORIA.—Cream white.

LIBERTY.—Deep red.

MILDRED GRANT.—Salmon yellow.

RAYON d'OR.—Salmon yellow.

PEARL DE JARDIN.—Deep yellow.

MME. JENNY GILLEMOT.—Sulphur yellow.

MARIE VAN HOUTTE.—Yellow and rose.

MAMAN COSHET.—White.

KILLARNEY.—White.

KILLARNEY.—Pink.

HERMOSA.—Pink.

GRUSS AN TEPLITZ.—Deep red.

CLOTHILDA SOUPERT.—White; pink center.

AMERICAN BEAUTY.—Bright red.

MME. ABEL CHATENAY.—Light rose.

MAD. BIRAD.—Salmon yellow.

HYBRIDS.

BARONESS ROTHCHILD.—Light rose.

FRAU KARL DRUSCHKI.—White American Beauty.

JULES MERGOTTEN.—Glossy pink.

GEN. JACK.—Deep red.

CAPTAIN CHRISTY.—Flesh color.

MAGNA CHARTA.—Bright pink.

PRINCE CAMILLE DE ROHAN.—Velvet crimson.

PAUL NEYRON.—Pink cabbage rose.

HYBRID TEAS.

SOUVENIR DE MALMASION.—Salmon white.

DUKE OF EDINBURGH.—Vermilion red.

LA FRANCE.—Delicate pink.



PAUL NEYRON.

MAD. CAROLINA TESTOUT.—Soft rose.
 ETOILE DE FRANCE.—Bright red.
 SOLEIL d'OR.—New yellow.
 LYON.—Salmon, cream yellow.

RUNNING ROSES.

CRIMSON RAMBLERS.—Bright red.
 DOROTHY PERKINS.—Beautiful pink.
 LADY GAY.—Creamy pink.
 TAUSENDSCHON.—Pink and white.
 HIAWATHA.—Single crimson.
 CHEROKEE.—Yellow.
 BALTIMORE BELLE.—Pure white.
 BABY RAMBLER (continuous bloomer).—Pink.
 BABY RAMBLER (continuous bloomer).—Red.

THUNBERGIA (Climber).

Very desirable for vase plants, blooming incessantly. White, buff and orange flowers, with black eyes. 5c. each; 50c. per doz.

TORENIA ASIATICA, also FORNERIA.

An exquisite tropical, soft-wood plant, producing a profusion of waxy, porcelain-blue flowers, tipped with rich, violet-purple, in constant succession. It is well adapted for vases, hanging-baskets, rock-work, etc. 5c. each; 50c. per doz.

SALVIAS (Scarlet Sage).

A very showy class of plants, blooming successively from July until frost. They thrive best in rich, light soil.

PATENS.—A beautiful variety, with bright blue flowers.

SPLENDENS.—One of the finest of Fall-blooming plants, being completely covered in Autumn with long spikes of dazzling scarlet flowers. 10c. each; \$1.00 per dozen.

TUBEROSE, DOUBLE.

One of the most delightfully fragrant and beautiful of the Summer flowering bulbs, throwing up tall spikes of double white flowers three to five feet high, which remain in bloom a long period. For flowering in the open borders they can be planted about the first of May; they will then bloom in September. 3c. each; 25c. per doz.

VERBENA.

The Verbena is one of the most beautiful of all the flowering plants, suitable for forming beds on the lawn. It commences to flower and spread from the first day the plants are set out until late in the Autumn, every day becoming better and more handsome. The improper growing of plants has checked the popularity of this useful flower to some extent, for it has been difficult in many places to secure healthy plants. We have one house expressly adapted for the Verbena, which, with care enables us to grow plants as robust as seedlings. Our Verbena plants are as strong and healthy as can be found in the country. Price, 2½-inch pots, 5c. each; 50c. per doz.; \$3.50 per 100.

VIOLET.

MARIE LOUISE.—Double; deep violet blue; fragrant.

NEAPOLITAN.—Light blue; large; double; fragrant.

QUEEN VICTORIA.—The largest single-flowering sort; deep blue; very fragrant and free; a good forcing variety; an abundant bloomer and perfectly hardy. Price, 15c. each; \$1.50 per doz.

During March, April, May and June

all kinds of

**BULBOUS and BUDDING
 PLANTS and VINES**

as well as

EASTER PLANTS IN FULL BLOOM

**Are on sale at our store. Do not miss our Gorgeous
 Spring Display. We are glad to have you
 come in and look around**

Trees, Plants and Flowers

Nursery Stock

For the Lawn, Garden and Farm—Special Price Given in Quantities.

PLANTING.—Dig holes, in the first place, large enough to admit the roots of the trees to spread out in their natural position, then let one person hold it in an upright position and another shovel in the earth, carefully putting the finest and best soil from the surface in among the roots, and bring every root in contact with the soil, then fill in and tread gently with the foot. The use of water is seldom necessary, except in dry weather early in the Fall or late in the Spring. Guard against planting too deep; the trees, after the ground settles, should stand in this respect as they did in the nursery. In very dry, gravelly ground the holes should be dug twice the usual size and depth and filled in with good loamy soil.

APPLES.

Plant 35 to 40 feet apart each way.

Price for extra large trees, 6 to 7 ft., 50c. each; \$5.00 per dozen.

BALDWIN.—Large, deep red; productive.

EARLY HARVEST (Yellow Harvest).—Yellow, tender and of fine flavor.

YELLOW TRANSPARENT.—Pale yellow when ripe; flesh tender, juicy and good.

STARK.—Fruit large, greenish yellow, striped red. Flesh yellow and juicy. A strong grower.

YORK IMPERIAL.—Large, red apple, of agreeable flavor.

FALAWATER.—Very large; greenish yellow; extra keeper.

NERO.—Red; very productive.

NORTHERN SPY.—Pale yellow, striped with red.

ROME BEAUTY.—Yellow and red striped; flesh yellow, crisp, sub-acid. Good bearer.

FALL PIPPIN.—Large yellow; rich and delicious.

CRAB APPLES.

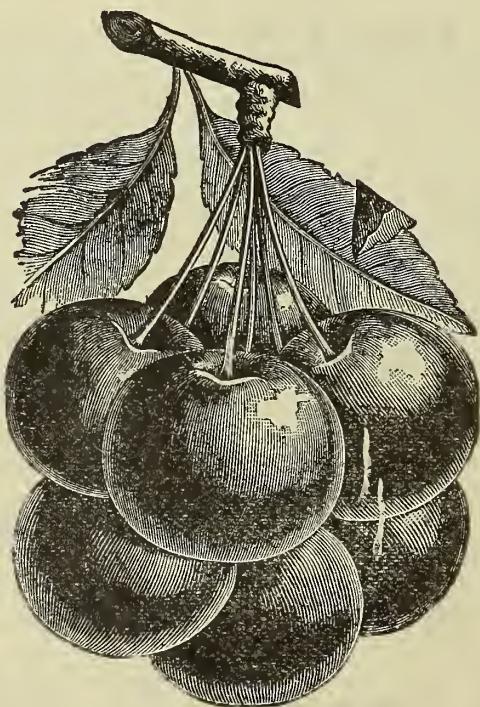
For ornament, also very valuable for preserving.

HYSLOP.—Large; deep red, with blue bloom. Season, November and December.

LARGE YELLOW SIBERIAN.—Fruit large; roundish oval; light, clear, yellow. Season, September to October.

CHERRIES.

For door-yards, where the shade and ornament are taken into account, Standards of the free-growing sort, with erect habit and large foliage, are the most suitable; also for lanes and ornamental purposes.



EARLY RICHMOND CHERRIES.

Hearts and Bigarreus.

Plant 20 to 25 feet apart each way.

Price—First-class trees, 5 to 6 feet high, 75 cents each; \$7.50 per doz.

BLACK TARTARIAN.—June. Big, dark red or black cherry of splendid flavor.

MERCER.—Fruit dark red, large and sweet.

NAPOLEON BIGARREAU.—Very large; pale yellow and red; very firm, juicy and sweet.

EARLY RICHMOND.—Sour; medium red; melting, juicy, rich, acid; unsurpassed for cooking purposes.

PEARS—STANDARD.

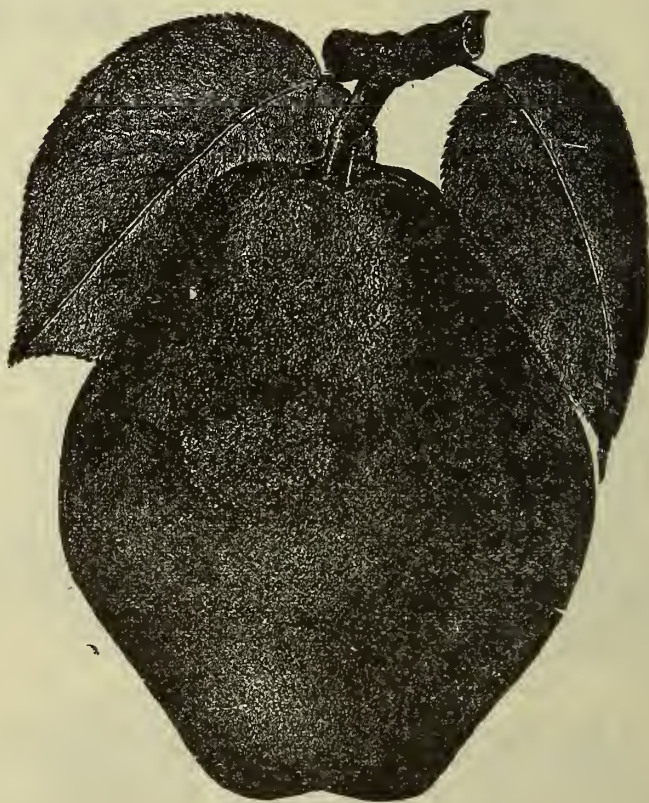
The following list includes most of those which have been well tested and proved valuable. Plant 20 to 25 feet apart each way; about 100 trees to the acre.

Price, 75c. each; \$7.50 per dozen.

BARTLETT.—Large; clear yellow; buttery, juicy, high-flavored.

BEURRE D'ANJOU.—Large; russet yellow, with red cheek; rich, melting and of excellent flavor.

KEIFFER'S HYBRID.—Large; rich golden yellow with carmine cheek; of medium quality.



KEIFFER.

LAWRENCE.—Light yellow, with rich, fine flavor, reliable and productive; the best Winter pear.

SECKEL.—Small; rich, yellowish brown; one of the best and highest flavored pears known.

PEACHES.

Plant out orchards and get the benefits while others wait. A warm, sandy soil is best, but stronger soils, dry and thoroughly worked, will grow them well; keep the ground clean and mellow around the trees, and give it an occasional dressing of wood ashes and high grade fertilizers.

Plant 15 to 20 feet apart each way, 110 to 200 trees to the acre.

First-class trees, 4 to 6 feet, 25c. each; \$2.50 per dozen.

MOUNTAIN ROSE.—Large, white, washed with red; very sweet and juicy; one of the best early peaches.

OLD MIXON FREE.—Large; white and red; flesh white, tender, with a fine vinous flavor.

CRAWFORD'S LATE.—Really a superb yellow peach; very large, with red cheek; rich and sprightly.

ELBERTA.—A very large, yellow, freestone peach; rich, sweet and juicy.

PLUMS.

A rich, strong soil suits the Plum. Good cultivation and regular fertilizing are required.

Plant 15 to 20 feet apart each way.

Price—First-class trees, 4 to 6 feet high, 75c. each; \$6.00 per doz.

GERMAN PRUNE.—Medium, long, oval, purple, juicy, rich, sweet; very productive.

IMPERIAL GAGE.—Large, oval, greenish, juicy, rich and delicious; one of the best growers.

ABUNDANCE, OR BOTAN (Japan Variety).—Fruit large, showy, rich amber changing to bright cherry color.

QUINCES.

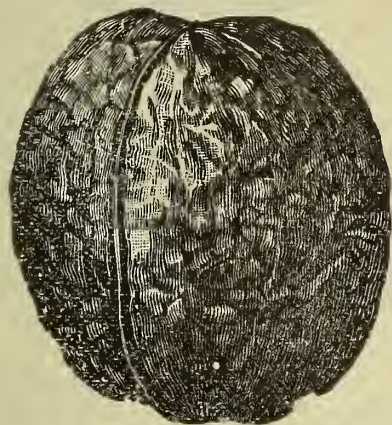
A rich, mellow soil, good culture and animal manuring are requisite to success. Keep branches and fruit thinned. Plant 12 feet apart each way.

ORANGE OR APPLE.—The best known and most popular of all Quinces. Large; rich golden yellow; productive and of best quality. 3 to 4 feet, well branched. 75c. each; \$6.00 per dozen.

NUTS.

CHESTNUT PARAGON.—Tree rapid, upright grower; immensely productive, commencing to bear when very young; nuts large size. Trees, 4 to 6 feet, \$1.00 each.

HICKORY SHELLBARK.—Nuts, thin-shelled, sweet and excellent. A noble and valuable tree for fruit, ornament or timber. 5 to 6 feet, \$1.00 each.



ENGLISH WALNUT.

ENGLISH WALNUT.—5 to 6 ft. \$1.00 each.

CURRENTS.

Plant four feet apart, in rich ground, cultivate well or mulch heavily, prune out old wood. If the currant worm appears, dust with tobacco dust or white hellebore.

BLACK NAPLES.—Very large; black; tender and excellent for jams and jellies. 2 years old, 25c. each.

WHITE GRAPE.—Large; mild; of excellent quality. Best of the white varieties. 2 years old, 25c.

FAY'S PROLIFIC.—A variety of great value. Rich red; as large as the Cherry, with larger bunches, and enormously productive. 2 years, 25c. each; \$2.50 per doz.

RASPBERRIES.

Plant in rows five feet apart, and three or four feet in rows, on good soil, and manure every year. Cut out all old wood each year, leaving three or four canes of the young growth for fruit next year. Treat all suckers as weeds. A good paying fruit for market.

ST. REGIS (NEW).—A beautiful red berry, bearing a heavy crop in June and another in September, and up until frost. Does well in sand or heavy soil. Do not fail to add this berry to your patch. Price, 60c. per doz.; \$4.00 per 100.

GREGG.—A large, firm, black berry, ripens late. Price, 50c. per doz.; \$2.50 per 100.

CUTHBERT.—Perhaps the best late raspberry for market. Rich crimson; of excellent quality, and very large. 50c. per doz.; \$2.50 per 100.

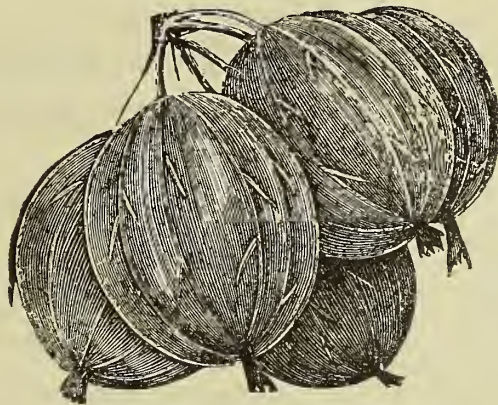
MARLBORO.—Of large size; color a bright crimson; quality medium. Early. 50c. per doz.; \$2.50 per 100.

Black Cap Varieties.

GREGG.—Very large; of good quality; meaty and firm. The best late Black Cap. 50c. per doz.; \$2.50 per 100.

GOOSEBERRIES.

The Gooseberry requires a deep soil, well manured, and if inclined to be dry should be mulched to retain its moisture. The bushes should be thoroughly thinned and pruned to obtain large, fine fruit.



INDUSTRY.

INDUSTRY.—Very large; red; of fine quality and excellent flavor. 25c. each; \$2.50 per dozen.

DOWNING.—Very large; whitish green; excellent for domestic use. 25c. each; \$2.50 per doz.

BLACKBERRIES.

A well-known fruit, indigenous to this country, and as it ripens just as raspberries are gone, when there is a great scarcity of small fruit, it is almost indispensable to every garden. Cultivate and plant same as raspberries.

ERIE.—A vigorous grower, hardier than Snyder, more productive than Lawton. Foliage clean and healthy, with no tendency to rust. Fruit larger than Wilson, of blunted, rounded shape, very attractive, and of best quality. In ripening it closely follows Early Harvest and precedes Wilson's Early. 75c. per dozen; \$2.50 per 100.

ESCULENT ROOTS.**Asparagus, Conover's Colossal.**

The soil for Asparagus should be of a light, sandy loam. For permanent beds, should be thoroughly manured and trenched to a depth of at least two feet. Plant in rows, five feet apart, and one foot between the plants in the rows. Spread the roots well out, and let the crown of the plant be covered about six or eight inches when established.

Two-year-old roots, 60c. per 100; \$3.50 per 1,000.

PALMETTO.—2-year olds, \$3.50 per 1,000.

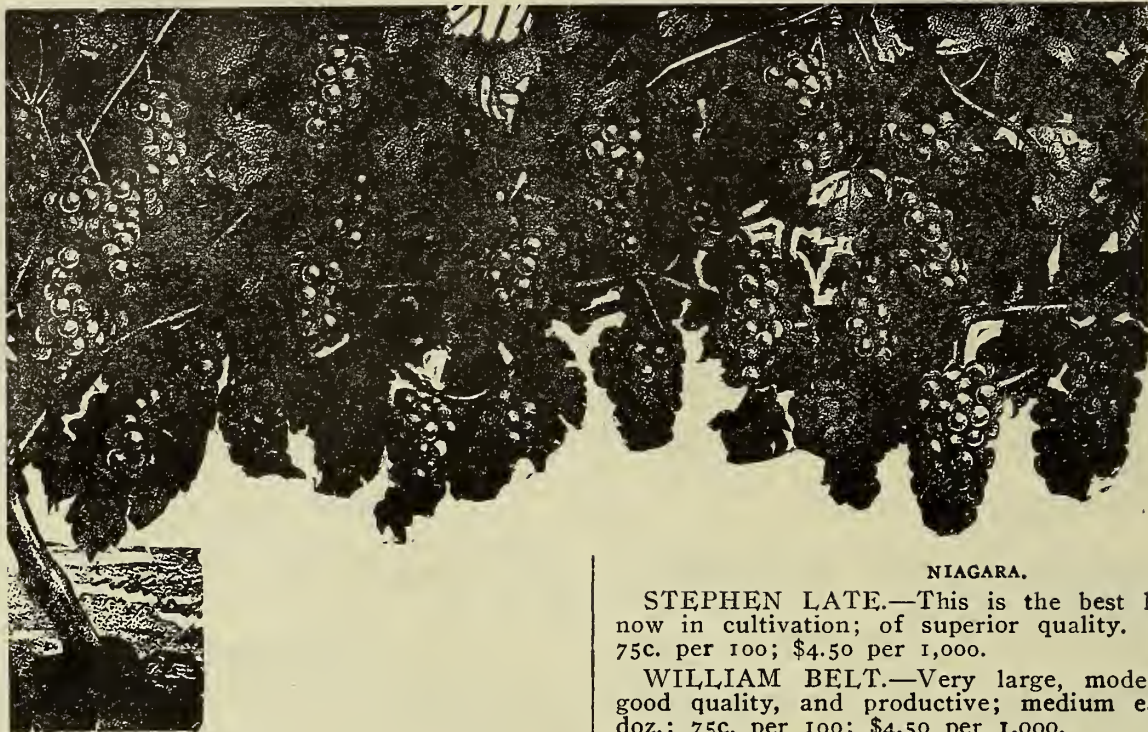
FRENCH AND BARR'S MAMMOTH.—\$4.50 per 1,000.

Rhubarb Linnæus.

Plant in Fall or Spring, in deep, rich soil, about three feet apart each way.

Single Crown.—10c. each; \$1.00 per doz.; \$3.50 per 100.

Large clumps—25c. each.



GRAPES.

The grape comes quickly in bearing, yielding fruit usually the third year after planting, requires but little space, and when properly trained, is an ornament to the garden or vineyard.

The soil for the grape should be dry, and when not naturally so, should be thoroughly drained before planting.

Plant 8 to 10 feet apart.

Two-year-old vines, 25c. each; \$2.50 per dozen.

WYOMING RED.—Light red; medium; fine quality; strong grower.

NIAGARA.—Large, greenish white; quality good, ripens early. Enormously productive.

CONCORD.—Black; bunch and berries large; excellent quality; vine very healthy.

MOORE'S EARLY.—The earliest good, black grape; bunch large; berry very large.

POCKLINGTON.—White; large clusters; big fruit.

STRAWBERRIES.

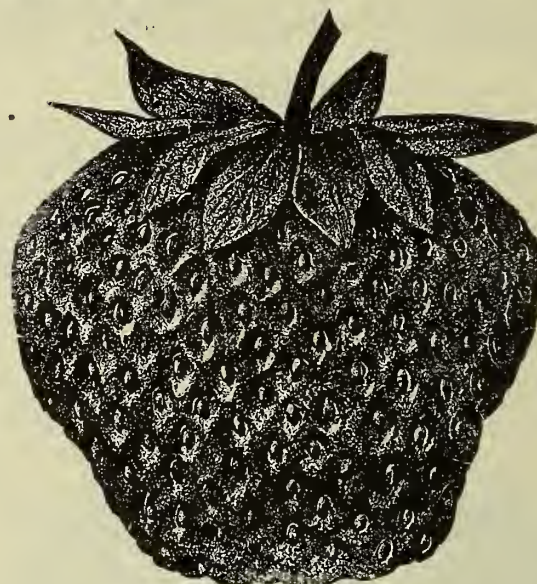
For field culture, plant 1 by 4 feet apart. For garden culture, plant 1 by 2 feet apart. Any rich soil that will produce good corn or potatoes is suitable for the Strawberry. Early in the Winter, cover the entire surface with litter of some kind, to keep the plants from being injured by freezing. There is no danger of putting on too much between the rows, but the plants themselves must not be covered too deep. From two to three inches of coarse straw is probably the best covering. When growth commences, remove the covering from directly over the plants, and leave it between them.

NIAGARA.

STEPHEN LATE.—This is the best late Strawberry now in cultivation; of superior quality. 30c. per doz.; 75c. per 100; \$4.50 per 1,000.

WILLIAM BELT.—Very large, moderately firm, of good quality, and productive; medium early. 30c. per doz.; 75c. per 100; \$4.50 per 1,000.

JOES.—Plant a most robust grower, healthy and prolific. One of the best growers. 50c. per doz.; 75c. per 100; \$4.50 per 1,000.



SUCCESS.

SUCCESS.—A superior variety in every respect. Of large size and great productiveness; early. Color, bright red. 30c. per doz.; 75c. per 100; \$4.50 per 1,000.

AMERICUS.—Ever bearing Strawberry, in pots. 75c. per doz.; \$4.00 per 100.

Ornamental Department.

DECIDUOUS TREES.

ASH, EUROPEAN.—A lofty tree, with pinnate foliage, full, spreading head. 10 to 12 feet, \$2.00 each.

ASH, MOUNTAIN, EUROPEAN.—A very fine, hardy, rapid-growing, ornamental tree of small size, with pinnate leaves, and covered with large clusters of bright, scarlet berries during Autumn. 8 to 10 feet, \$2.00 each.

BEECH, AMERICAN.—Of medium size and compact form, with rich, glossy foliage. A beautiful and valuable shade tree. 8 to 10 feet, \$2.00 each.

BEECH, PURPLE-LEAVED.—Resembling the European beech, with dark purple foliage. One of the most conspicuous and effective ornamental trees. 7 to 8 feet, \$2.00 each.

BIRCH, WHITE.—A well-known tree of rapid growth, spray-like branches, and silvery-white bark. Effective in landscape, especially in Winter. 10 to 12 feet, \$2.50 each.

CAROLINA POPLAR.—Rapid grown shade tree. 10 to 12 ft., \$1.50.

CATALPA, BUNGII.—A dwarf species from Japan, with a deep green, glossy foliage. Grafted standard-high, it forms a beautiful round head, resembling a globe. \$2.50 each.

ELM, AMERICAN, BROAD-LEAVED.—8 to 10 feet, \$2.00 each.

GINKO, OR MAIDENHAIR.—A tall-growing tree, with curious leaves of rare and unique beauty, and light, refreshing color. 3 to 5 feet, \$2.00 each.

HORSE CHESTNUT.—A beautiful, well-known tree, with round, dense head; large, dark-green, early foliage, and a profusion of showy, white flowers in May. 7 to 8 feet, \$1.50 each; 8 to 10 feet, \$2.50 each.

JAPANESE MAPLES.—Beautiful little trees, valued in all landscape work. Especially adapted for planting in front of evergreen borders, in groups for color effects or individually, in prominent places. 1 to 1½ feet, \$1.25; 1½ to 2 feet, \$2.00; 2½ to 3 feet, \$3.50.

LARCH EUROPEAN.—A quick-growing tree, with light green needle-like leaves in very early Spring. In the Fall they turn yellow. 4 to 5 feet, low branched and bushy, \$1.00 each; 5 to 6 feet, low branched and bushy, \$2.00 each.

LINDEN, AMERICAN.—A native tree of rapid growth and large size, with large, heart-shaped leaves and fragrant, yellow flowers. 10 to 12 feet, \$2.50 each.

LOMBARDY POPLAR.—A tall, columnar form that is in contrast to the more rounded outline of other trees. It branches from the ground and is much used where a tall hedge is wanted as a screen. 8 to 10 feet, \$1.00 each; 10 to 12 feet, \$1.50 each; 12 to 14 feet, \$2.00 each.

MAGNOLIA, WHITE AND PINK.—4 to 5 feet, \$2.50 each.

MAPLE, NORWAY.—Of moderate growth, while young; with large, dark green foliage, and with compact globular form. One of the best shade trees. 8 to 10 feet, \$1.50 each; 10 to 12 feet, \$2.50 each; 12 to 15 feet, \$3.50 to \$5.00 each.

MAPLE, SUGAR (*A. Saccharinum*).—Especially adapted for street planting on account of its elegant pyramidal form. Very hardy and of vigorous growth. It is an excellent ornamental tree, and most suitable for all purposes. 8 to 10 feet, \$1.50 each; 10 to 12 feet, \$2.50 each; 12 to 15 feet, from \$3.50 to \$5.00 each.

OAK, RED.—One of the largest leaved American species. 7 to 8 feet, \$2.00 each.

OAK, WHITE.—The noblest tree of Eastern American forests. 7 to 8 feet, \$2.00 each.

PLANE ORIENTAL, or BUTTONWOOD.—8 to 10 feet, \$1.50; 10 to 12 feet, \$2.00.

WILLOW, COMMON WEeping (*Umbrella Tree*).—A well-known and most graceful tree, of large size and rapid growth. 10 to 12 feet, \$2.00 each.

ORNAMENTAL EVERGREEN TREES.

ARBORVITÆ GLOBOSA.—A very popular little globose evergreen, worthy a place in every garden. 12 to 18 inches high, \$2.00 each.

ARBORVITÆ, HOVEY'S.—Golden; leaves a bright yellowish-green; a beautiful object either singly or in hedge. 2 to 3 feet, \$2.50 each.

ARBORVITÆ, SIBERIAN.—The hardiest of the *Arborvitæ*; foliage of darker green and more dense and symmetrical in form. 3 feet, \$2.50 each.

ARBORVITÆ, AMERICAN.—A well-known tree of rapid growth; very popular for ornamental hedges and screen. 4 to 5 feet, \$2.00 each; 5 to 7 feet, \$2.50 each.

ARBORVITÆ, PYRAMIDALIS.—This exceedingly beautiful *arborvitæ* is the most compact and erect of all the entire species; foliage a deep green. 3 to 4 feet, \$1.50 each; best for hedges.

GEO. PEABODY ARBORVITÆ.—A distinct golden yellow form that is beautiful as a specimen and highly valued, too, for contrast in foliage effects. 1½ to 2 feet, \$1.00 each; 2 to 3 feet, \$2.00 each; 3 to 4 feet, \$3.00 each.

SPRUCE, NORWAY.—Rapid in growth, of good habit, with regular outline and perfectly hardy. Very popular for single specimens, and excellent for hedges. 4 feet, \$2.50 each; 5 feet, \$3.50 each.

KOSTER'S BLUE SPRUCE.—An improved strain of *Blue Spruce*. A striking light blue in color, that makes this one of the finest evergreens in cultivation; for individual planting and for color effect nothing equals it. 1½ to 2 feet, \$2.00 each; 2 to 2½ feet, \$3.50 each; 2½ to 3 feet, \$4.50 each; 3 to 4 feet, \$7.50 each; 4 to 5 feet, \$10.00 to \$12.50 each.

NORDMAN'S FIR.—Thick, dense tree of fine proportions. Needles are wide, dark green and lustrous, with a silvery under-surface that sparkles in the sun. This is one of the prettiest and best evergreen that we offer. It is handsome as a specimen or for grouping. 2 to 2½ feet, \$2.50 each; \$22.50 per 10; \$200.00 per 100; 2½ to 3 feet, \$3.00 each; \$27.50 per 10.

DOUGLAS DWARF GOLDEN JUNIPER.—A low, spreading form, with golden yellow foliage that turns a beautiful bronze in Winter. It is very showy as an edging, and beautiful in groups and rockeries or wherever a hardy little golden evergreen is needed. 1¼ to 1½ feet x 1¼ to 1½ feet, bushy, \$1.50 each; 2 to 2½ feet x 1¼ to 2½ feet, \$2.50 each.

WHITE PINE.—A grand old favorite, that grows quickly and makes a most useful and beautiful ornamental tree. 3 to 4 feet, \$2.00 each; 4 to 5 feet, \$3.50 each.

RETINOSPORA PLUMOSA.—One of the best Japanese trees; of very compact growth, with small leaves and short, slender branches. 2 to 3 feet, \$2.50 each. Makes a good hedge.

RETINOSPORA PLUMOSA AUREA.—Habit of growth similar to the above, with its shoots golden tinted through the year. 2½ to 3 feet, \$2.00 each.

RETINOSPORA SQUAROSA.—A small-sized tree with graceful, drooping branches and glaucous, green foliage. 2 to 3 feet, \$2.00 each.

EVERGREEN SHRUBS.

RHODODENDRON PONTICUM.—Most showy of flowering evergreens; red, white and rose-colored; 1½ to 2 feet, with flower buds, \$1.50 to \$2.50 each.

YUCCA, FILAMENTOSA (*Adam's Needle*).—A tropical-looking plant, with long, narrow, pointed leaves; the flower stock rising from the center to a height of five or six feet, bearing numerous creamy-white, bell-shaped flowers. 50c. to \$1.00 each.

GOLDEN EUNONYMOUS.—Leaves attractively margined with golden yellow. 1 to 1½ feet, \$1.25 each; 1½ to 2 feet, \$1.50 each.

AZALEA AMCENA.—A bushy, dwarf evergreen, with small green leaves that deepen to a lustrous coppery hue in Winter. Its neat appearance is attractive at all seasons, but in April or May the whole plant is clothed with a mass of brilliant claret-colored flowers that hold their beauty three or four weeks. 1½ to 2 feet, \$2.00 each; 2 to 2½ feet, \$2.50 each.

DECIDUOUS SHRUBS.

ALMOND, DOUBLE PINK.—A beautiful little shrub; shoots covered with double rose-like blossoms. May. 3 feet, 75c. each.

ALMOND, DOUBLE WHITE.—Similar to the pink; flowers pure white. 3 feet, 75c. each.

ALTHEA, OR ROSE OF SHARON, AMPLISSIMA.—Flowers large, red and white double. 75c. each.

ALTHEA VARIEGATED.—Of dwarf, compact form; leaves green and white; flowers purple. 75c. each.

BARBERRY, PURPLE.—An interesting shrub, growing 3 to 5 feet high, with violet-purple leaves and red fruit; very effective. 75c. each.

BURNING BUSH.—A large-growing bush or small tree, with shining green leaves; very showy in Autumn and early Winter, when covered with its multitude of large orange and scarlet berries. 3 to 4 feet, 75c. each.

DEUTZIA, DOUBLE.—Flowers in racemes, four to five inches long; white; back of petals rose. June. 3 feet, 75c. each.

DEUTZIA, GRACILIS.—A dwarf variety, of compact, round form; covered with spikes of pure white flowers. May. 50c. each.

DOGWOOD, RED TWIGGED.—A strong-growing bush, with large, fine foliage; especially remarkable in Winter for the red color of its branches. 75c. each.

ELDER, EUROPEAN GOLDEN.—Solid golden yellow leaves; one of the very best golden leaved shrubs; very effective among other plants. 75c. each.

FRINGE, PURPLE, OR SMOKE TREE.—A large shrub of spreading habit; covered in midsummer with its peculiar flowers, resembling a cloud of smoke or mist hanging above the bush. Very attractive. 75c. each.

GLOBE FLOWER.—Small shrub, with yellow, globe-shaped flowers. June to October. 75c. each.

FORSYTHE, YELLOW BELL.—Flowers yellow, and dropping before the leaves appear. The best early-flowering shrub. April. 75c. each.

HONEYSUCKLE, TARTARIAN WHITE.—White; flowers in May. 75c. each.

JUDAS TREE, OR RED BUD JAPAN.—Of moderate growth; the flowers, of rosy pink, appear before the leaves, and are produced in such profusion as to cover almost the entire wood. 75c. each.

LILAC COMMON.—Sweet scented purple flower; strong grower and one of the best. 75c. each.

LILAC, COMMON WHITE.—A sweet scented white flower, and one of the best of shrubs. 75c. each.

HYDRANGEA PANICULATA GRANDIFLORA.—Vigorous, spreading form; immense pyramidal panicles of white flowers, more than a foot long, which change to pink. Blooms from early August till frost. One of the best ornamental shrubs. 2 to 3 feet, 75c.

JAPAN QUINCE.—A very hardy shrub, with crimson flowers in great profusion early in the Spring. Very popular, and makes an excellent and showy hedge. 75c.

MOCK ORANGE, OR SYRINGO.—The choicest of all the Mock Oranges, with pure white and very fragrant flowers. 75c. each.

PÆONIA TREE.—Low shrub. Well known for its showy character. The flowers are immense, from six to ten inches in diameter, very double and fragrant. \$1.50 each.

PRIVET CALIFORNIA.—A shrub of great beauty of foliage. Strong grower; pyramidal form; leaves shiny green. Large bushes. 75c. to \$1.50 each.

PRIVET CALIFORNIA, STANDARD.—Globe-shaped heads, fine specimens. \$1.50 to \$4.00.



HYDRANGEA, PANICULATA GRANDIFLORA.

SPIREA, BILLARDII.—Of strong, upright growth. Flowers dark pink. July and August. 75c. each.

SPIREA, PRUNIFOLIA, OR BRIDAL WREATH.—Strong grower; small, roundish, shining leaves; flowers double, white and plentiful. May. 75c. each.

SPIREA, REEVESII, SINGLE.—A graceful, slightly drooping variety, covered with abundant white flowers May. 50c. each.

SNOWBERRY.—Valuable for the fleshy-white berries, which are very showy during the Winter when leaves have fallen off plant. 2 to 3 feet, 75c. each.

SWEET-SCENTED SHRUB.—A well-known shrub and general favorite on account of its sweet-scented chocolate-colored flowers. 75c. each.

TAMARISK, AFRICAN (*A. Africana*).—Pink flowers, in June. 75c. each.

WEIGELA ALBA.—White flowers, changing to a delicate pink. 75c.

WEIGELA ROSEA.—Erect, compact growth; fine rose-colored flowers. 75c. each.

WEIGELA VARIEGATA.—Dwarf, spreading habit, and possessing clearly-defined variegated leaves; stands the sun well, and is, perhaps, the best variegated shrub; flowers delicate pink. 75c. each.

SNOWBALL, JAPAN.—Of moderate, upright growth, with brown, leathery-looking shoots and dark green leaves; flowers pure white, larger and more solid than the common Snowball, and hang longer on the bush; choice, 75c. each.



SNOWBALL, JAPAN.

VINES AND CREEPERS.

AKEBIE QUINATA.—A Japanese vine, with neat shining, small leaves, and fragrant purple flowers in June. 25c. each.

AMPELOPSIS, VEITCHII, OR JAPAN IVY, AND BOSTON IVY.—Leaves small and overlap one another, forming a dense sheet of green. When once established it grows rapidly and clings by its rootlets more perfectly than other Ampelopses. Foliage rich and glossy in Summer; crimson in Autumn. Small plants, 15c. each; \$1.50 per doz. Large, 25c. each; \$2.50 per doz.

CLEMATIS, FLAMMULA.—Masses of small, white, sweet-scented flowers. 35c. each.

CLEMATIS, DOUBLE WHITE.—75c. each.

CLEMATIS, JACKMANII.—Producing great masses of good-sized, intensely violet purple flowers. 75c. each.

CLEMATIS, VITICELLA.—Medium-sized flowers, of bluish-purple color. 50c. each.

HONEYSUCKLE, GOLDEN-VEINED.—Leaves of bright green, with golden-yellow veins and blotches; flowers white and yellow. 25c. each.

HONEYSUCKLE, HALL'S JAPAN.—Vigorous grower, retaining its foliage until early Winter. Flowers white and yellow; fragrant. 25c. each.

IVY, IRISH.—Large leaves and luxuriant growth. Large size, 25c. each; \$2.50 per doz.

TRUMPET CREEPER, AMERICAN.—A splendid climber, with showy, long, tubular flowers of dark orange scarlet color. 75c. each.

WISTARIA, CHINESE BLUE.—Strong-growing when established. Flowers in pale blue, pendulous clusters. 75c. each.

WISTARIA, CHINESE WHITE.—Flowers pure white, in long clusters, borne in great profusion. 75c. each.

HARDY HERBACEOUS PLANTS.

25c. to 50c. each.

\$2.50 to \$5.00 per doz.

ALYSSUM (Mad-wort).—April and May.

ANCHUSA (Sea Bugloss), Italica Dropmore.—Clear blue.

RUDBECKIA (Golden Glow).

ASTILBE JAPONICA.—Pure white. June.

IRIS GERMANICA.—All colors. June.
 IRIS KÆMPFERIA.—All colors. July.
 PÆONY.—All colors. June.
 PHLOX DECUSSATA.—All colors. July to October.
 PYRETHRUM.—Pink, red and white. June.
 DICENTRA SPECTABILIS (Bleeding Heart).—
 Pink. May.
 FUNKIA (Plantain Lily).
 MYOSOTIS PALUSTRIS (Forget-me-not).—Sky blue.
 IBERIS, in variety (Candytuft).—White.
 HELIANTHUS (Hardy Sunflowers).
 ASTERS.—Purple and rose. September and October.
 VINCA MINOR (Periwinkle).—Blue.
 DIGITALIS (Foxglove).—Purple and white. July.
 GAILLARDIA.—Maroon and yellow. All summer.
 AQUILEGIA, in variety (Columbine).—In colors.
 PLATYCODON (Chinese Bell Flower).
 ACHILLEA PTARMICA.—White. All summer.
 ALTHÆA ROSEA (Hollyhock).—All colors. July.
 SEDUM (Stonecrop).—Pink, rose and yellow.
 LYCHNIS, in variety (Tar Pink). Pink and red.

HARDY GARDEN PINKS.

CAMPANULAS (Harebell).—Blue and white.
 DIANTHUS, in variety (Sweet William).—In colors.
 GYPSOPHYLLA PANICULATA (Baby's Breath).
 —White.
 CHRYSANTHEMUM.—All colors. September and
 October.
 COREOPSIS.—Yellow. June and July.
 DELPHINUM.—Blue. June and July.

HEDGE PLANTS.

There isn't anything that beautifies a home or farm so much as a pretty hedge, if it is properly kept:

		Per 100.	Per 1,000
PRIVET CALIFORNIA,	1 to 1½ ft.,...	\$2 50	\$18 00
"	" 1½ to 2 ft.,...	3 50	25 00
"	" 2 to 3 ft.,....	4 50	35 00

Should you think of planting a hedge, order stock early or write to us and we will recommend the best stock for your purpose.

Handy Tools for the Lawn and Garden

MOWERS, RAKES, PRUNING SHEARS,
 HOES, SHOVELS, SPADES, HOSE
 REELS and HOSE

We have for your selection all necessities
 in a great variety

These tools are listed and described in the
 pages which follow

MARTIN C. RIBSAM, Trenton, New Jersey

Prices on Application	Lawn Necessities	Prices on Application
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LAWN MOWERS

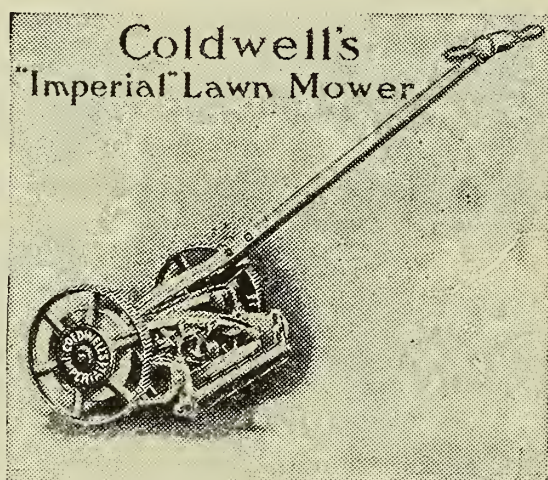
We carry the largest and finest assortment of lawn mowers in the city. Do not fail to see our line before selecting a mower for your lawn.

Pennsylvania.

The Pennsylvania high-wheel lawn mower is universally recognized as the standard by which all other mowers are measured. It will last longer, cut easier and do more work than any other mower on the market. Price, \$17.50 to \$21.00.

The Coldwell Line.

The Coldwell line of mowers has been on the market for the last fifty years. This company permits nothing but the best material and workmanship to enter into its mowers. We will warrant any mower from this line to give satisfaction.



COLDWELL IMPERIAL MOWER.

"Imperial."

It is made of the best material obtainable, and is equipped with all the latest devices such as the patent reversible channel-shaped bottom knife, etc. This mower has a 10 $\frac{1}{4}$ " wheel and is a pleasure giver when in use. Price, \$9.00 to \$12.50.

"Regal."

It is the best ball-bearing lawn mower on the market because the ball-bearings are in the drive wheels thus carrying the weight of the machine and lightening the draft. The mower carries five knives with the simplest adjustment made and 10 $\frac{1}{4}$ " wheels. Price, \$9.00 to \$12.00.

"Lakewood."

It is a medium-priced ball-bearing mower. It is a best seller and has many good features. Price \$6.50 to \$7.50.

"Colonial."

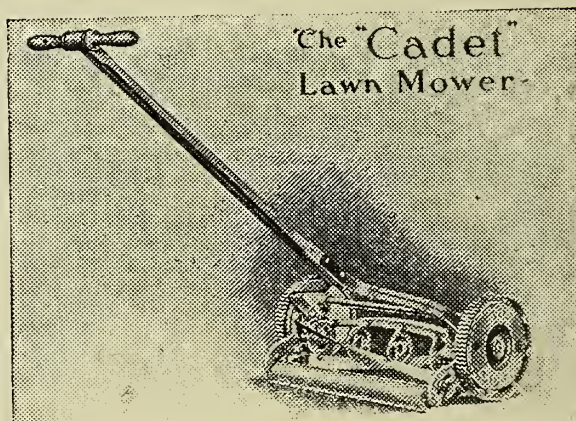
It meets the demand for a ball-bearing machine within the reach of all. The workmanship on this machine is fine. Wheels 8". Price, \$4.50 to \$6.00.

"Cadet."

It is a low-priced mower with full money value. This mower we will guarantee to do good service at a cost of little above the poor mowers so freely put out. Price, \$3.25 to \$4.25.

Philadelphia Graham.

It is a very high grade, all steel mower, with no front rod and 10" wheel, and a train of gears on both sides. It is one of the highest achievements in the manufacture of lawn mowers. Price, \$13.00 to \$15.50.



COLDWELL CADET MOWER.

Coldwell's Improved Horse Lawn Mower.

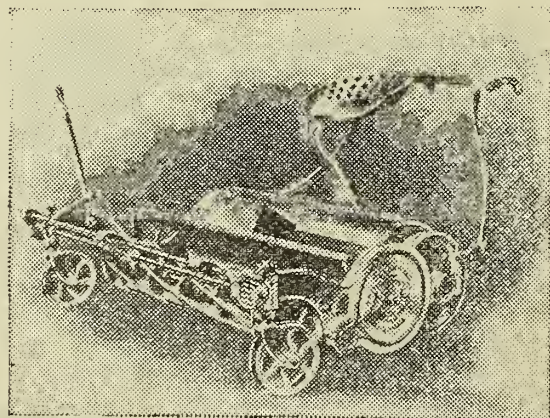
It is acknowledged to be the best horse mower on the market. It is acknowledged as the standard of quality, being in many parks and golf links. This mower is complete with seat, shaft and side draft attachment, and can be had with either four or six blades in the revolving cutter. Price on application.

Coldwell's Lawn Trimmer.

It is made to meet the demand for a machine to get close to buildings, etc., and cut the grass. Price \$6.00.

Special Mowers for Putting Greens, Etc.

When in the market for a putting green mower or motor lawn mower, or any special design of machine, come to Ribsam's, for we either have it or will get it for you. Prices on application.



COLDWELL IMPROVED HORSE MOWER.

The Capitol Lawn Trimmer and Edger.

This machine fills a long-felt want. It cuts the grass close to buildings, etc., and squares the edges along the walk. It is no backbreaker and is a necessity for your lawn or garden. Price, \$6.50.

Kirke System Feeders.

Fertilize while watering or destroy insects by the Kirke system. Kirke Feeder, nickel plated, complete, \$3.00

KIRKE FERTILIZER CARTRIDGES.—30c. each, \$3.00 per doz.

KIRKE INSECTICIDE CARTRIDGES, TOBACCO.—30c. each, \$3.00 per doz.

KIRKE HOT-HOUSE SPECIAL TOBACCO CARTRIDGE.—50c. each, \$5.00 per doz.

KIRKE ARSENATE OF LEAD CARTRIDGE.—40c. each; \$4.50 per doz.

KIRKE BORDEAUX CARTRIDGE.—30c. each, \$3.00 per doz.

Ask for booklet.

Lawn Cleaner and Rake.

This machine will remove from your lawn not only cut grass but all sorts of litter, leaves and trash. It is one of the best articles to rid your lawn of wire-grass. With it one man can do as much as four men with rakes. Price, \$20.00.

Lawn and Border Shears.

These shears are of the best English make, having long handle with two or one wheel to rest them upon while in operation. Price 25c. to \$2.75.

Leaf Racks.

These are very handy to carry leaves and cut grass from the lawn. Wood leaf racks on truck and without truck. Wire rack. Price, \$5.50. Rack only.

Grass Edgers.

We carry a line of edgers superior to any in the city. Capitol Trimmer, Mower and Edger, Planet, Jr., Edger, Rotary Lawn Edger, Wallingford and Our Handy. Prices 65c. to \$7.50.

Horse Lawn Boots.

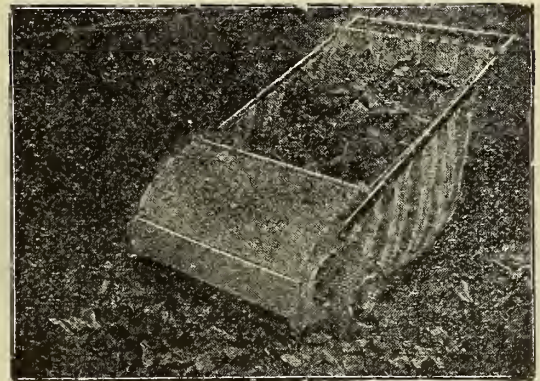
These boots are indispensable where horse mowers are used on the lawn. Our boots are made of the best leather and are the most up-to-date boot on the market. Price \$12.00.

Hose Nozzles.

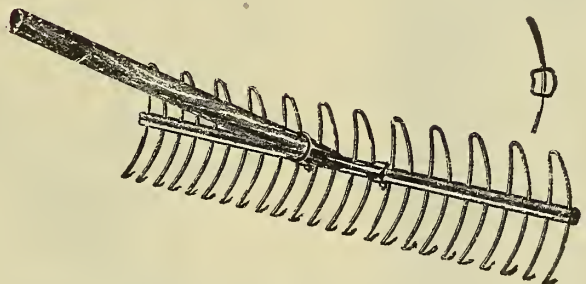
These are the best, all around nozzles on the market. They can be used as sprinklers on the lawn, in the garden or in the street. By simply turning, it changes from a fine spray to a stream. Price, 30c. to 45c.

Lawn Rakes.

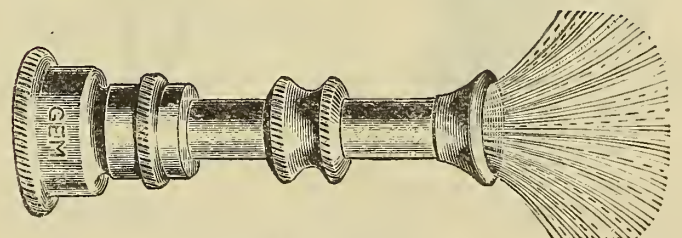
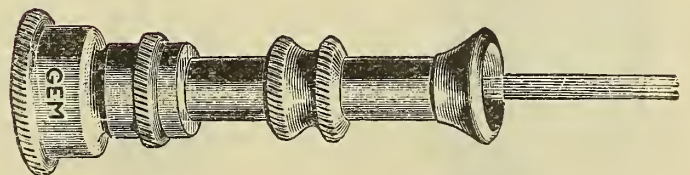
Wood, iron or steel, in any size. Automatic self-cleaning. A backward stroke cleans it entirely. Prices, 35c. to 85c.



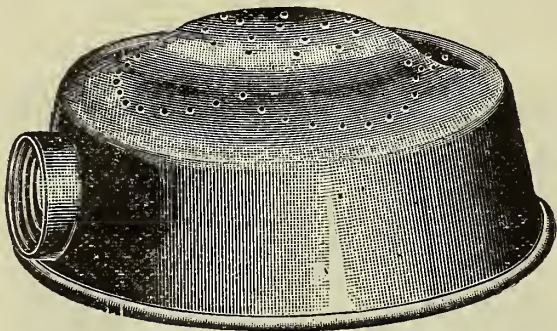
PENNSYLVANIA LAWN CLEANER AND RAKE.



REVERSIBLE STEEL LAWN RAKE.



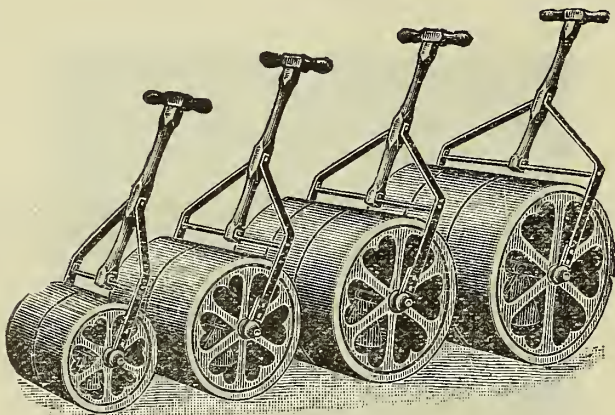
GEM NOZZLE.



FOUNTAIN LAWN SPRINKLER.



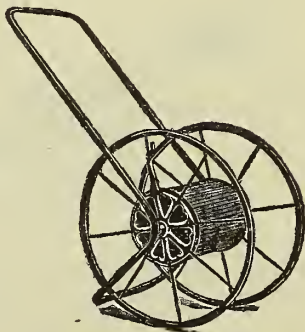
LOPPING SHEARS.



ROLLER BEARING LAWN ROLLERS.



COOPER HOSE MENDER.



TUBULAR HOSE REEL.



GRASS OR SHEEP SHEARS.

Grass Catchers.

We carry a full line of galvanized wire and cloth catchers. We constantly carry a stock of catchers to fit any mower. Prices 90c. to \$2.00.

Queen Lawn Rake.

Lawn Queen. Wire tooth rake, very handy because it is reversible. Prices, 50c. to 85c.

Steel Lawn Rakes.

Steel Lawn Rakes. In any size desired. Price 35c. to 85c. Malleable Iron Rakes. Price 35c. to 85c.

Lawn Benches.

- 36" Painted and varnished, \$1.25.
- 42" Heavy painted and varnished, \$1.50.
- 48" Extra heavy painted and varnished, \$2.00.

Roller Bearing Lawn Rollers.

Winter thawing and freezing heaves the ground and loosens the roots of the grass, the roller packs it back and preserves. Constant rolling eradicates moles. In offering you this roller-bearing lawn roller we do so with the utmost confidence in it for easy draft, light weight and durability.

Diameter Inches.	Length.	Sect.	Lbs.
15,	15	2	150
15,	22	3	200
20,	20	2	250
20,	24	2	300
20,	30	3	350
24,	30	2	400
24,	30	3	500

Price, \$7.50 to \$22.00.

We also have the Water Ballast Lawn Roller. With this roller you can vary your weight as desired, all the way from 90 lbs. to 800 lbs. Prices are variable and will be given upon application.

Lawn Sprinklers.

A lawn sprinkler is an absolute necessity. We have a liberal supply and assortment from which you can select. THE FOUNTAIN, BABY FOUNTAIN, HERO, VICTOR, ELGIN. Prices, 25c. to \$2.50.

Rubber Hose.

For lawn garden and street use. We carry a complete line of hose in all lengths, the best grades that will give good service and which we know will give satisfaction. Our best grade hot-house hose will last for years. Different grades, 10c. and up per foot.

Hose Reels.

A garden which requires fifty foot of hose also requires one of our all-iron hose reels. They are light, durable and frictionless and will not tip over.
No. 10, 21-inch wheel, holds 100 ft. 3/4" hose.
No. 20, 24-inch wheel, holds 200 ft. 3/4" hose.
No. 30, 30-inch wheel, holds 500 ft. 3/4" hose.
Iron, \$1.75 and up; Wood, 85c. and up.

Cooper Hose Mender.

This mender is made of copper with barbs in it. The hose will never slip or leak. It makes an absolutely tight connection. Price 75c. per doz.

The "Snap" Hose Coupling and Mender.

The "Snap" coupling is simple, easy and durable, always tight for $\frac{3}{4}$ -inch hose. 30c. each.

Perfect Clinching Hose Mender.

It slips into the hose and is clasped down; it cannot get loose. Price, 10c.

Grass Hooks.

We carry a vast assortment of this tool for you to select from. We are the only importers of genuine Austrian grass hooks in the city. Adjustable and English riveted grass hooks also. Price, 25c. to 50c.

Hedge Shears.

These shears are of the best English makes, with an excellent hang, with or without notch. The notch is at the heel of the blade and is for cutting small branches. Grass or sheep shears in great variety. Price, 25c. to \$2.50.

Chisel Blade Weeder.

Price, 25c.

Weed Pullers.

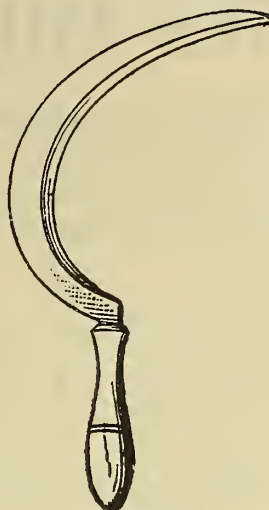
The Hall Weed Puller is absolutely the best instrument for pulling dock, planten, crab-grass or any other undesirable growth in the lawn. 50c.

Olmstead Mole Trap.

This mole trap is absolutely the best trap on the market. The mole cannot get away from it, other animals cannot get into it. It is the superior trap for the hot bed or lawn. Price, \$1.50. Others at 65c. and 90c.

Swings.

In wood or steel, for lawn or garden, in various styles and sizes.



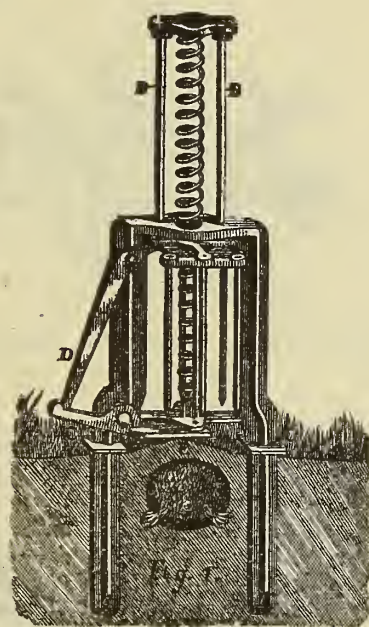
GRASS HOOK.



HEDGE OR TRIMMING SHEARS.



HAND PRUNING SHEARS.



OLMSTEAD MOLE TRAP.

BASKETS

Ribsam Always Has The Basket You Want

SPLINT BASKETS, 20 qt., 16 qt., 8 qt., 4 qt. Wood or Wire Bound

BERRY BOXES, OAK AND BAMBOO BASKETS

HANDLE BASKETS, 2 bu., 1 bu., $\frac{5}{8}$ bu., $\frac{1}{2}$ bu., $\frac{1}{4}$ bu.

BERRY BASKETS, EGG BASKETS

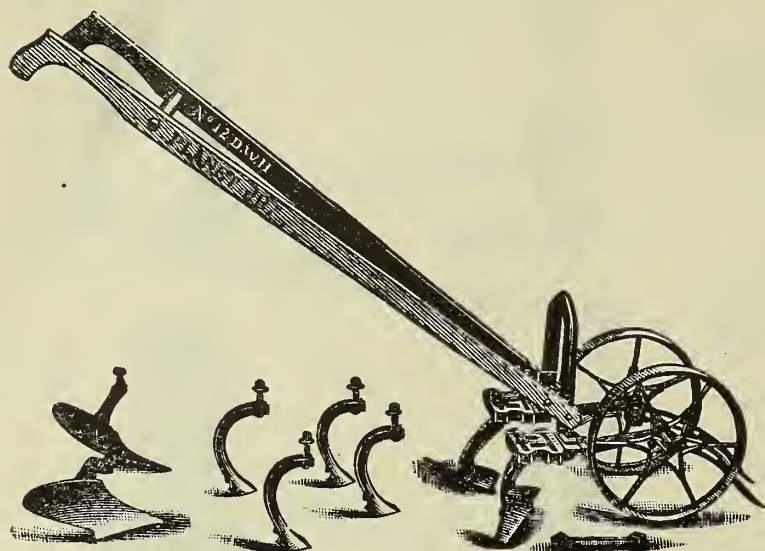
BASKETS OF EVERY DESCRIPTION AND SIZE

MARTIN C. RIBSAM, Trenton, New Jersey

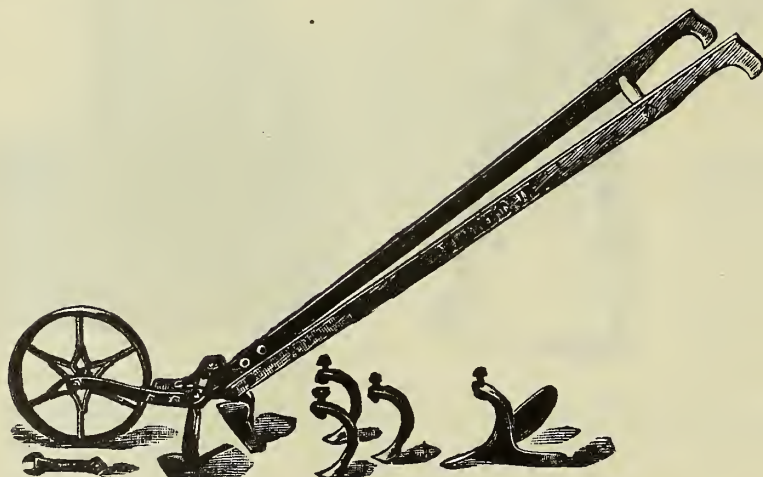
TOOLS FOR THE GARDEN

PLANET, JR., GARDEN AND FARM IMPLEMENTS

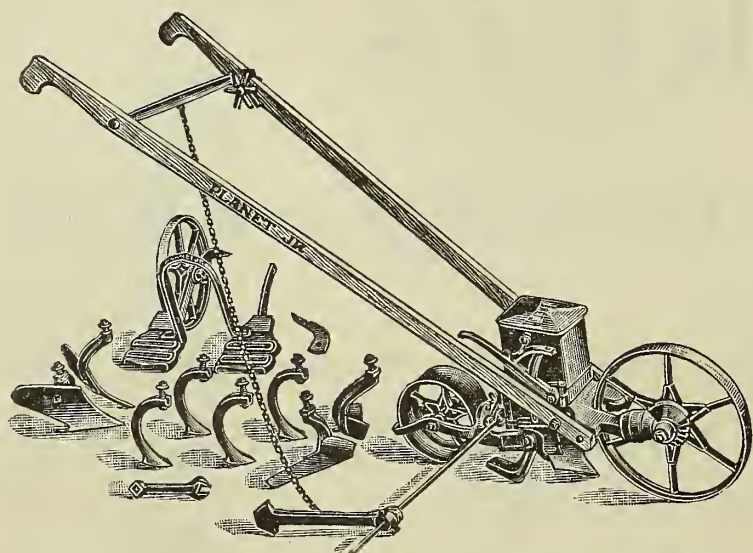
WE WANT TO CALL YOUR PARTICULAR ATTENTION TO THE NEW PLANET, JR., WHEEL HOES. THEY ARE MADE, NOW, IN THE HIGH-WHEEL STYLE. NOTICE THE NEW ILLUSTRATIONS.



No. 11. WHEEL HOE.



No. 17. WHEEL HOE.



COMBINED HILL AND DRILL SEEDER, DOUBLE AND SINGLE WHEEL HOE, CULTIVATOR AND PLOW, \$15.50.

NEW HOME GARDEN DRILL, \$6.00, as Drill; Complete, \$8.50.

No. 16, SINGLE WHEEL HOE.—1 Plow, 2 Hoes, 3 Cultivator Teeth, 2 Rakes and Leaf Lifter, \$7.25.

No. 17, SINGLE WHEEL HOE.—1 Plow, 2 Hoes and 3 Cultivator Teeth, \$6.25.

No. 17½, SINGLE WHEEL HOE.—2 Hoes, 3 Cultivator Teeth, \$5.50.

No. 38, SINGLE WHEEL HOE.—1 Set Disc Hoes, 2 Three-Pronged Cultivator Teeth and 1 Plow, \$8.50.

No. 12, DOUBLE WHEEL HOE.—2 Plows, 2 Hoes, 4 Cultivator Teeth, 1 Leaf Lifter, \$8.75.

No. 13, DOUBLE WHEEL HOE.—2 Six-inch Hoes. \$6.00.

No. 14, DOUBLE WHEEL HOE.—1 Set Disc Hoes, 2 Three-Pronged Cultivator Teeth, 2 Plows and 2 Leaf Lifters. \$10.00.

No. 13½, DOUBLE WHEEL HOE.—1 set Discs, \$7.50.

No. 4, COMBINATION HILL and DRILL SEEDER.—With Single Wheel Hoe, complete, \$13.25.

No. 4, As Seeder only, \$10.75.

No. 25, COMBINATION HILL and DRILL SEEDER.—With Double Wheel Hoe, complete, \$16.00.

No. 3, HILL AND DRILL SEEDER.—\$12.50.

No. 8, HORSE HOE and CULTIVATOR.—With Deep Regulator and Expander, complete, \$11.50.

No. 9, HORSE HOE and CULTIVATOR.—Plain Wheel only, \$10.00.

FIRE-FLY HAND PLOW.—A very useful tool for the small garden. \$2.75.

PLANET JR. SINGLE CELERY HILLER, \$16.00. Double, \$20.00.

NOTICE.—On any of the above tools excepting Fire-Fly Plow we allow a discount of fifty cents (50c.) per Tool.

IRON AGE GARDEN AND FARM IMPLEMENTS.

No. 20, SINGLE-WHEEL HOE.—2 Side Hoes, 3 Cultivator Teeth, 2 Weeders and Leaf Lifter.

GEM DOUBLE-WHEEL HOE AND CULTIVATOR.—5 Cultivator Teeth, 2 Hoes and Double Plow.

NEW MODEL SEED DRILL.—Fully equipped with marker.

No. 1, COMBINATION HARROW and CULTIVATOR.—With Wheel. Without Wheel.

"BATEMAN" HAND-PULL PLOW.—A very handy tool for the small garden.

MORE COMPLETE CATALOGUES SHOWING PRICES OF THE ABOVE TOOLS WILL BE MAILED UPON REQUEST.

SPRAY TOOLS

Prices on Application

Spraying has now become a necessary adjunct to the production of good crops, whether it be fruit, vegetables or flowers. We have in stock and ready for delivery any size pump from that used in a bucket to large hydraulic and power outfits in the Meyers, Iron Age, Fields and Atsco Air-Tight makes.

Send for special catalogue on large outfits and spraying information.

Meyers Line

LITTLE GIANT BRASS SPRAY PUMP.—For general use and white-washing.

IMPERIAL BRASS PUMP.—For general use with three cylinders.

PERFECT BUCKET SPRAY PUMP.—Complete with hose and two nozzles. Brass, with three cylinders.

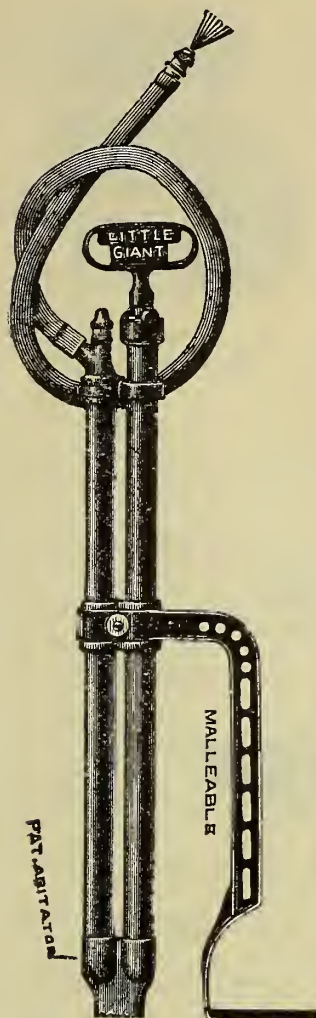
DEFIANCE BUCKET SPRAY PUMP.—Brass, with hose and graduating Vermorel nozzles, fine, coarse spray and solid stream.

PERFECT KNAP-SACK SPRAY PUMP.—Fully equipped, in galvanized tin, and brass.

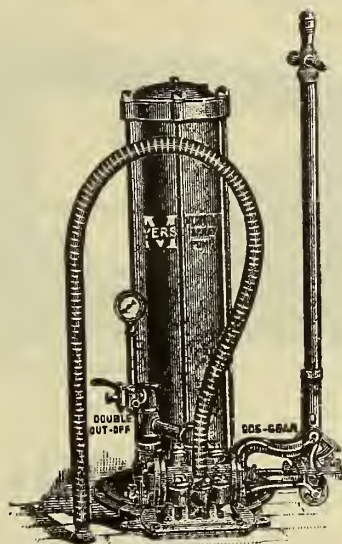
WHITE WASH SPRAYER.—Complete with agitator, extension and nozzle.

IMPROVED BRASS BARREL SPRAY PUMP.—Complete with hose and nozzle.

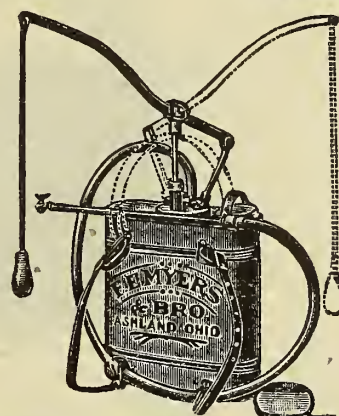
COG-GEAR HYDRAULIC SPRAY PUMP.—Pump with suction hose complete, two lead hose, pipe extension and nozzle.



LITTLE GIANT SPRAY PUMP.



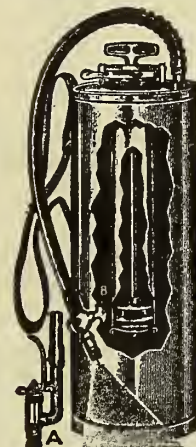
COG GEAR HYDRAULIC SPRAY PUMP.



PERFECT KNAPSACK SPRAY PUMP.



WHITEWASH SPRAYER.



PATENTED. AUTO-SPRAYER.

DOUBLE-ACTING COG-GEAR SPRAY OUTFIT.—Fifty-gallon barrel mounted horizontally on skids, complete with 15 feet of 1/2-inch hose and extension.

DUPLEX COG-GEAR HAND SPRAY PUMP.—Complete pump alone, double acting and vertical cylinder.

Iron Age List.

BUCKET PUMP.—Three cylinders, footrest, 3 feet of hose and two nozzles producing 100 lbs. pressure.

SPRAY PUMPS.—Mounted in horizontal barrels, on truck with nozzles, hose, pipe extensions, stop-cock and agitator.

VERTICAL BARREL SPRAY PUMP.—For mounting on outside of barrel pump alone.

Atsco Air-Tight Sprayers.

The Atsco is positively the latest thing in sprayers. Built with less than a dozen moving parts, no gears, cams or levers; no liquid with its plungers, packing, stuffing boxes and valves to wear and cut. No liquid comes in contact with any part of the machinery to wear, corrode or clog it. The agitation, forcing of the liquid and all operations done by air.

Be sure and communicate with us for prices and particulars.

Spray Nozzles and Extras.

IRON AGE WAGON FOUR-ROW SPRAYING ATTACHMENT.—Attachment complete with four nozzles, hose, connections and brackets.

ALL STYLES.—Vermorel, Bordeaux and Cyclone nozzles. Price, 35c. to \$3.25.

POWER AND HAY NOZZLES.

PIPE EXTENSIONS.

BAMBOO EXTENSIONS.

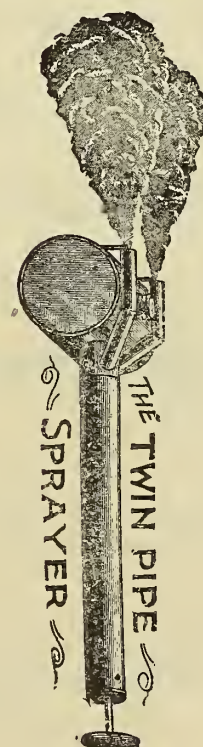
AUTO-SPRAYER.—Brass, with hose and two nozzles. Galvanized.

BANNER SPRAYER.—Brass, hose and two nozzles.

SYRINGES OR ATOMIZERS.—Tin, small; glass, galvanized, with compression. Brass, with compression. Price, 45c. to \$1.25.



ACME BELLOWS.



SPRAYER.



POWER NOZZLE SELF
CLEANER.

Dry Powder Dusters.

TIN DUSTER.—Dry powder spreader.

LEGGETTS "CHAMPION" INSECTICIDE DUSTER.

DRY POWDER BLOWER.

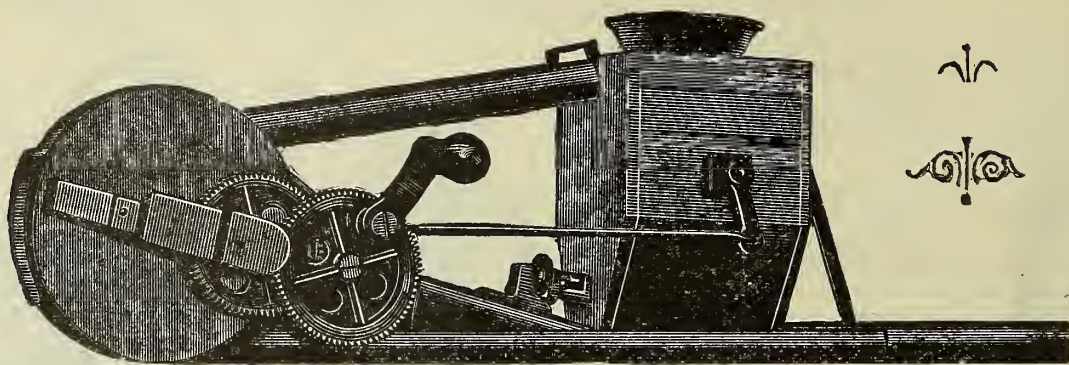
DICKEY DUSTER.

FARMER ACME BELLOWS.

HAND POWDER GUN.



HAND SHAKER.



CHAMPION POWDER GUN.

TOOLS

Our aim is to carry the best tools used in the pursuit of all branches of Agriculture, Horticulture, Pomology, etc.

ASH CANS.—Heavily galvanized, braced or unbraced, with or without lid. 45c. to \$3.00.

ASPARAGUS BUNCHERS.—Shangle and Acme. Price, \$1.50 to \$3.75.

ASPARAGUS KNIVES.—All makes. 30c. to 45c.

AXES.—Any weight desired. \$1.00 to \$1.50.

BASKETS.—Oak, Bamboo and Splint. Sizes, ½ bu. to 3 bu. 4c. to \$1.50.

BASKETS, HANDLED.—Oak, Bamboo, Splint. Wire bound or plain. 5c. to \$1.00.

BERRY HOOK.—50c.

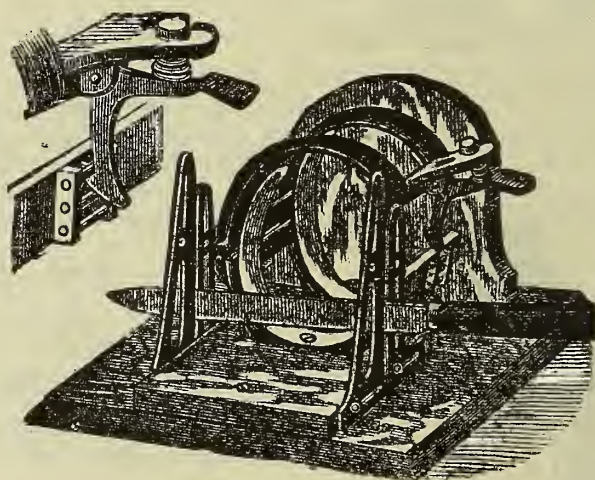
BILL, HOOK.—Short Handle and Long Handle. 90c. to \$2.50.

BILL, PICKS.—American, No. 4. \$1.75.

BRUSHES.—For dairy purposes, 10c. to 45c.; for stable use, 25c. to \$2.50; for white-washing, 15c. to \$1.25.

BROOMS.—Stable push rattan and cocoa, 65c. to 85c.; upright corn and rattan, 55c. to 90c.; upright rattan, 50c. to 90c.

CORN HUSKERS OR PEGS.—5c. to 25c.



ACME ASPARAGUS BUNCHER.



CONCAVE ASPARAGUS KNIFE.



STRAIGHT ASPARAGUS KNIFE.



BERRY HOOK.

BRUSH AXE.—For shrubbery and underbrush. 90c. to \$1.50.

BUCKETS.—For all purposes. Wood, 65c. and 75c.; Galvanized, 25c. to 65c.; Tin, 25c. to 60c. Well buckets, 65c. to \$1.50.

CABBAGE CORERS.—Made of the best of steel. 65c.

CALF WEANERS.—For calves and yearlings. Rice make. 35c. to 75c.

CANT HOOKS.—In all sizes and weights. \$1.25 to \$1.50.

CAPONIZING SET.—Complete. \$2.50 to \$4.50.

CATTLE CARDS.—10c. and 12c.

CIDER MILLS AND WINE PRESSES.—Keystone make. \$3.75 to \$24.00.

CURRY COMBS.—10c. to 25c.

CORN BREAKERS.—10c.

CORN KNIVES.—25c. to 45c.

CROWBARS.—\$1.00 to \$1.75.

DEHORERS.—Phillips and Webster make. \$8.50.

DIBBLES.—Wood handle, with iron point. 30c.

DOG CHAINS.—Light and heavy. 25c. and 30c.

DOCK EXTRACTOR.—Heavy Hall. 50c.

FILES.—5c. to 25c.

FORKS.—Hand weeding.

Digging or spading, 4-prong, D handle, 75c. to \$1.50.

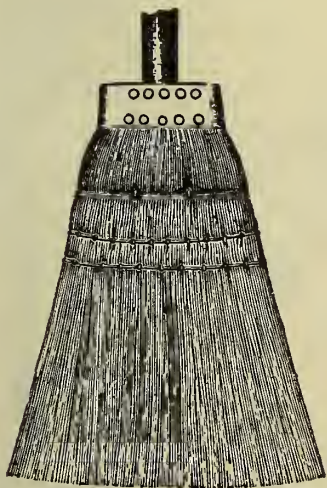
Digging or spading, 5-prong, D handle, 85c. to \$1.50.

Manure fork, 4 tine, long handle, 90c. to \$1.25.

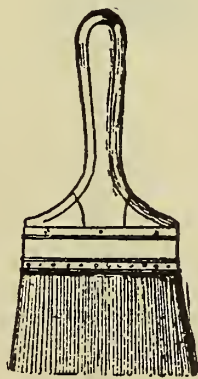
Manure fork, 4 tine, short D handle, 70c. to \$1.35.

Manure fork, 6 tine, short D handle, \$1.35 to \$1.50.

Hay forks, 2 tine, 3 tine, 4 tine, 35c. to \$1.00.



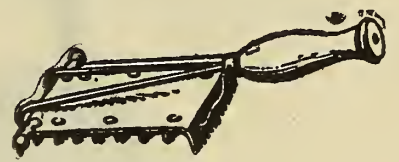
CORN AND RATTAN BROOM.



WHITEWASH BRUSH.



DIBBLE.



CURRY COMB.



BRUSH AXE.



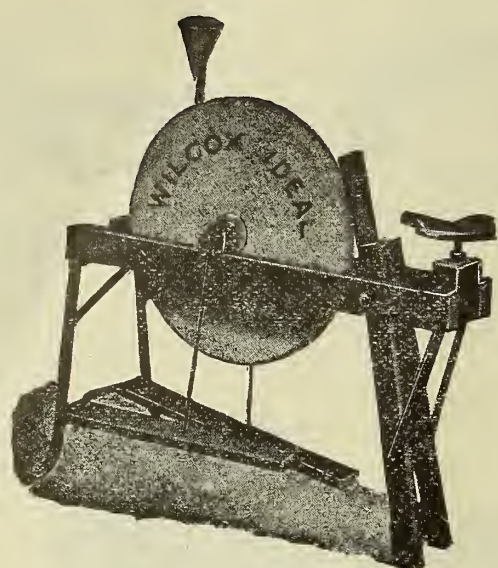
AXE.



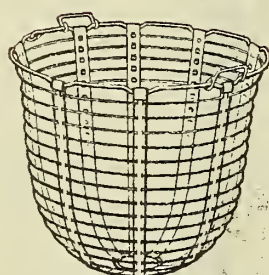
DIGGING FORK.



CORN KNIFE



IDEAL GRINDSTONE.



HORSE MUZZLE.

STEWART BALL-BEARING
CLIPPING MACHINE.

PICK.

60c. to 85c.



MATTOCK PICK.

65c. to 85c.

FRUIT PICKER.—Wire. 25c. Pole for same. 10c. to 25c.

GARBAGE CANS.—Heavily galvanized, with or without bale. 65c. to \$2.50.

GARDEN LINE.—Best grade cotton. 40c. per lb.

GARDEN LINE REEL.—Malleable iron. \$1.50 to \$2.00.

GARDENERS' GLOVES.—Cotton, goat, etc. 10c. to 50c.

GRASS HOOKS.—English riveted back, Austrian, Dutch, American and Little Giant. 25c. to 50c.

GRAFTING WAX.— $\frac{1}{4}$ lb., 10c.; $\frac{1}{2}$ lb., 15c.; 1 lb. 25c.

GRASS EDGERS.—Big variety. 65c. to \$1.50.

GRAPE BAGS.—Wired. 35c. per 100.

GRINDSTONES.—In many sizes, plain and mounted.

HAMMERS, CLAW.—25c. to 50c.

HANDLES.—For all kinds of shovels, hoes, forks, rakes, axes, etc. 10c. to 35c.

HAY KNIVES.—Lightning, for cutting hay. Fisher make. 65c. to \$1.00.

HANGING BASKET.—Wire, 15c. to 45c.; Terra Cotta, 50c. to \$1.00.

HATCHETS.—Medium and heavy weights. 50c. and up.

HEDGE KNIFE.—\$1.25.

HORSE MUZZLES.—Galvanized, 10c.; copperized, 15c.

HORSE CLIPPERS.—\$1.25 to \$2.50.

HORSE CLIPPING MACHINE AND KNIFE GRINDERS.—\$5.00 to \$10.75.

HOES.—Draw or Field.

Warren.—Heart-shaped, finest garden hoe, all sizes. 45c. to 85c.

Acme.—Weeding and cultivating, double and single prong. 25c. to 50c.

Scuffle or Push.—Hoes of best imported steel. 40c. to 85c. Handles, 15c. extra.

Norcross.—Three and five-pronged cultivating hoe. 35c. to 90c.

Celery Hilling.— $4\frac{1}{2}$ -inch blade and up. 35c. to 75c.

Grub.—All styles and sizes desired. 35c. to \$1.25.

Prong or Potato Drags.—Four or five-tine, round or flat. 50c. to 90c.

Half-moon Hoe.—Any size desired from three to eight inches. 40c. to 75c.

HOG SCRAPERS.—Round or oval. 10c. to 15c.

HOTBED MATS.—\$2.50 to \$4.00.

HUSKING GLOVES.—10c. to 75c.



GRUB HOE.



NORCROSS 3-PRONG.



FIELD HOE.

ICE TOOLS.—Breaking bars, Caulking bars, Canal chisels, Chain tongues, Cleaning-off scrapers, Hand tongues, Ice hooks, Ice plows, King's Ice scales, Ice planers, Ice saws, Snow scrapers, Splitting bars, Splitting fork, Starting chisels, etc. Prices on application.

LABELS.—Wood, painted, for pots and garden use. Garden, 100 in pkg.; Pot, 1,000 in pkg. 75c. to \$6.00 per 1,000.

LANTERNS.—Deitz and Rayo, for all purposes and in all sizes. 50c. to \$4.00.

MAULE OR BEETLE.—For driving wedges, etc.; heavy, with iron bands, \$1.00 to \$2.50.

MEASURES.—Wood and galvanized, all sizes, from one pint to one bushel. 15c. to \$1.40.

GARDEN CULTIVATOR-HOES AND WEEDERS.—Material, workmanship and finish is of the highest quality. Prongs can be released without removing bolts. Sold with three and five prongs. A "Midget" weeder is also sold by us, which gives excellent service for flowers, strawberries, etc. 35c. to 90c.

OILS.—For lawn mowers, separators, gas engines, large machinery. From 1 pt. to 1 gal. or more. 10c. per pt. to 75c. per gal.

OIL CANS.—Many styles. 10c. to 35c.

PICKS.—Clay, also Pick Mattock, Miners' picks. 50c. to \$1.00. Handles. 18c. to 25c.

POST HOLE DIGGERS.—\$1.25 to \$2.00.

PLANT STANDS.—Wood, 3-shelf; wire, 2-shelf, square; wire, 3-shelf square. \$1.25 to \$3.75.

PREPARED POTTING SOIL.—50c. per bu.

PLANT BED PROTECTING CLOTH.—An article every gardener or trucker should have on hand. 10c. to 16c. per yard.

PRUNERS.—Water's Tree. A finely made pruner, sold in all lengths. 65c. to \$1.50.

CRONK AND CARRIER.—This is a very handy and well-made pruner. 65c. to \$1.50.

DISSTON.—This pruner head can be put up upon any length pole, and is operated by a string. \$1.50.

RAKES.—Short tooth, gravel, malleable or steel. 25c. to 80c.

STEEL GARDEN RAKE.—25c. to 80c.

AMES WOOD RAKE.—25c. to 75c.

BOW STEEL RAKES.—25c. to 80c.

WOOD, GRAIN AND HAY RAKES.—25c. to 75c.

HUSTLER LAWN RAKE (WIRE).—24 teeth to 36 teeth. 45c. to 90c.

RAFFIA.—Used extensively for tying small vegetables. 15c. per lb.

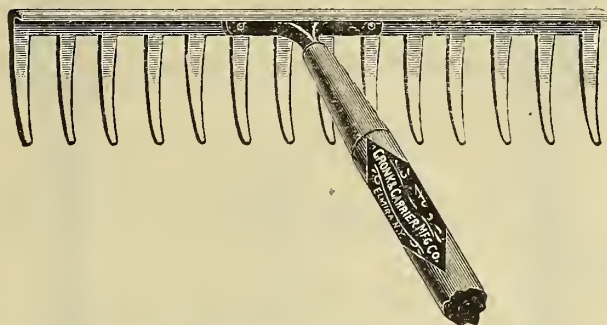
RIVETS.—Pony, Rex, Split Brass, Tubular Japanned. 10c. to 40c. per box.

RUBBER PLANT SPRINKLERS.—Straight neck, 7 oz., 12 oz. 50c. to 90c. Angle neck, 7 oz., 12 oz. 60c. to \$1.00.

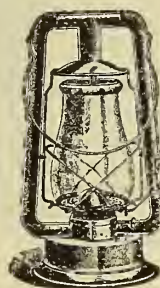
SAWS, PRUNING.—Double edge, 16-inch, 18-inch, 20-inch, 65c. to \$1.25. Single edge, 14-inch, 16-inch, 18-inch, 20-inch. 65c. to \$1.25. Combined pruning saw and chisel for end of any length pole. 65c. to \$1.25.

BUCK SAWS.—60c. to 85c.

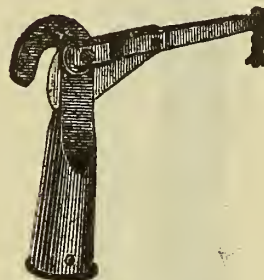
SAW BUCKS.—Made of wood. 35c.



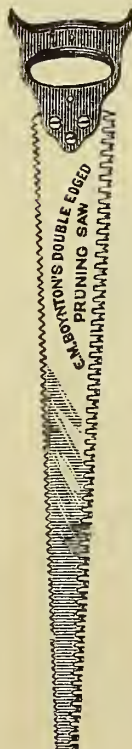
STEEL BOW RAKE.



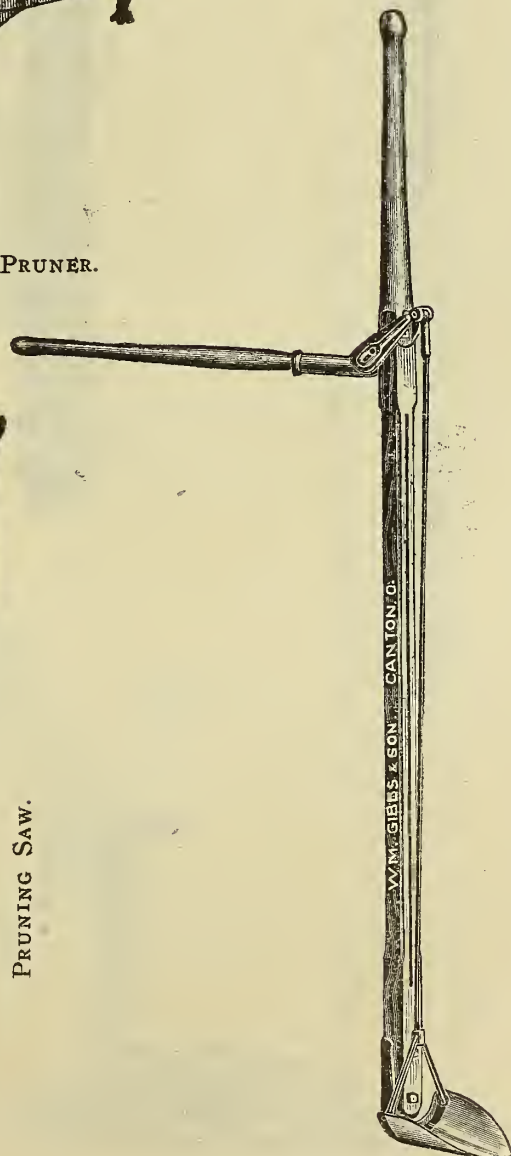
DEITZ LANTERNS, FOR CARRIAGES, ETC.

MATTOCK AXE.
65c. to 85c.

DISSTON PRUNER.



PRUNING SAW.



POST-HOLE DIGGER.

SQUARE
POINT SHOVEL.

SCOOP.



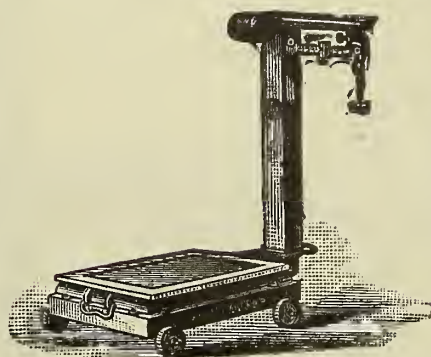
SPADE.



HOTBED THERMOMETER.



SCYTHE STONE.



CHAMPION SCALE.

ONE AND TWO-MAN CROSS-CUT SAWS.—In all sizes and various prices. \$1.50 to \$4.00.

SCALES.—Platform Butter, Ice, Milk. \$1.00 to \$14.00.

SCYTHES.—We are the only merchants in the city who import scythes direct from Austria. We carry a large assortment of blades for all purposes. Also American and English makes. Brush, Grass, Bramble. 65c. to \$1.50.

SCYTHE STONES AND RIFFLES.—English, Darby, Pike, German. 5c. to 15c.

SCYTHE SNATHS.—With the latest appliance for fastening the scythe. Light. Heavy. 70c. to 85c.

SEED SOWERS.—Cahoon Broadcaster, Thompson Wheelbarrow. \$1.50 to \$7.50.

SCISSORS.—Rose shears, grape trimming, grape and flower gathering. 25c. to \$2.00.

SIEVES.—Heavy for gardens, etc. 35c. to \$1.00.

SHOVELS.—Round point, D handle; Square point, D handle; Maynard, square point, long handle; Ames; Maynard. 75c. to \$1.40.

SPADES.—Ribsam Special, Ames, Maynard's Solid Steel. Special Turfing, Clay, Special Nursery. 75c. to \$1.75.

SCOOPS.—Wood, D handle; steel, D handle; wood scoops. \$1.00 to \$1.50.

For potatoes, galvanized wire.

For potatoes, steel.

For anything special in the way of shovels, spades or scoops, write us. We have it.

SPIGOTS.—Wood. 12c. to 30c.

SPAGNUM MOSS.—\$2.00 per bale.

STAKES, PLANT, ROUND.—Painted.

STAKES, PLANT, SQUARE.

DOWELS, PLAIN.

We also carry Bamboo and Hyacinth stakes.

SYRINGES, BRASS.—No. A, stream and spray; No. C, stream and spray. \$2.25 to \$4.50.

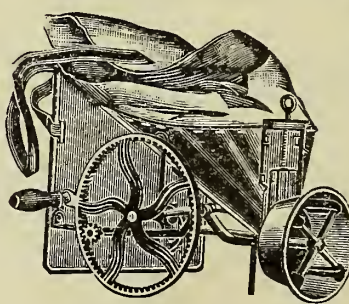
ATOMIZERS.—Glass and tin, from 35c. to \$1.00; Rubber for house use, 50c. to \$1.00; Automatic Compressed Air, galvanized, 65c. to \$1.25; Copper, 75c. to \$1.25.

THERMOMETERS.—Dairy, Hygrometers, Incubator, for all styles; also Brooder thermometers. Greenhouse and home thermometers. Tin, Japaned, regular 8-inch, 10-inch; Tin, Japaned, tested 8-inch, 10-inch; Copper case, tested, 8-inch, 10-inch; Conservatory porcelain scale, large figures, self-registering tin case; copper case; Hotbed or Mushroom, iron point or brass point. 45c. to \$4.50.

TRAPS.—Wire, mice and rat. 5c. to \$1.00. Steel Blake, No. O; Steel Blake, with chain; Steel Victor, Steel Victor, with chain. 12c. to 18c.

TREE PRUNERS.—(See Pruners.)

TREE SCRAPERS.—Handled. 35c. to 60c.



BROADCASTER.



DEHORNER.

TROWELS.—Special light, solid steel, with solid shank; English solid, Slim Jim for transplanting; and other transplanting. 5c. to 60c.

TIE-OUT CHAINS.—Light weight, 20 ft., 30 ft.; heavy weight, 20 ft., 30 ft. 75c. to \$1.00.

TIE TWINE.—"Green Twist," permanent color; cotton, jute, two and three-ply; tar rope, Binder twine.

TORCH.—For burning caterpillars. 60c. to \$2.50.

TRELLIS.—Galvanized Wire. 12-inch, 15-inch, 18-inch, 21-inch, 24-inch, 36-inch, 48-inch, 60-inch, 72-inch, 90-inch, 108-inch, 120-inch. 25c. to \$3.50.

VINE OR FRANCIS WALL NAILS.—With lead lips to turn over vine, 1½ inches. \$1.50 per 100.

WAGON JACKS.—Wood, Iron. 25c. to \$4.00.

WATERING CANS OR SPRINKLING POTS.—Galvanized; two qualities, heavy and light, with galvanized or copper roses. 15c. to \$3.00.

WEDGES.—Steel, in assorted weights. 20c. to 30c.

WEEDERS.—Langs, Makefield and other hand and foot weeders. 25c. to 85c.

WHEELBARROWS.—Garden, Hothouse, Wood, contractor's; Steel, contractor's; Leaf barrow, Coal barrow. \$2.25, upward.

WRENCHES.—Coe make, knife handle; Coe make, regular handle. Alligator. 25c. to \$1.50.

FLOWER POTS, SAUCERS, PANS AND TUBS.

STANDARD FLOWER POTS.—Full inside measurement. No charge for packing. Six at dozen rate; 50 at 100 rate; 500 at 1,000 rate.

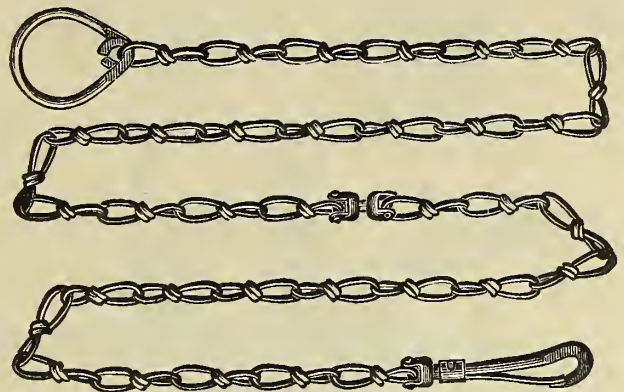
Sizes.	Dozen.	100.	1,000.
2 -inch,	\$0.10	\$0.50	\$4.00
2¼ -inch, .....	.10	.60	4.50
2½ -inch, .....	.12	.75	6.00
3 -inch, .....	.15	1.00	7.50
3½ -inch, .....	.15	1.35	9.25
4 -inch, .....	.30	1.75	11.00
4¼ -inch, .....	.35	2.00	15.00
4½ -inch, .....	.40	2.50	20.00
5 -inch, .....	.50	3.00	25.00
5½ -inch, .....	.60	3.75	30.00
6 -inch, .....	.70	4.50	35.00
6½ -inch, .....	.75	5.75	50.00
7 -inch, .....	.90	7.00	60.00
8 -inch,	1.35	9.50	85.00
9 -inch,	1.95	14.00	125.00
10 -inch,	2.50	17.00	148.00
11 -inch,	3.50	23.00	
12 -inch,	4.50	32.00	
14 -inch,	9.00	63.00	

Flower Pot Saucers.

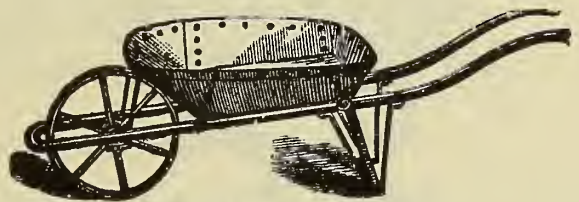
Size.	Each.	Dozen.	100.
4-inch,	\$0.02	\$0.15	\$1.15
5-inch, .....	.03	.20	1.50
6-inch, .....	.04	.25	2.00
7-inch, .....	.05	.35	2.50
8-inch, .....	.06	.50	4.00
9-inch, .....	.08	.65	5.50
10-inch, .....	.09	.80	6.50
11-inch, .....	.11	1.00	8.00
12-inch, .....	.15	1.25	10.00
14-inch, .....	.25	2.00	16.00

Fern Pans.

Size.	Each.	Dozen.	100.
4 -inch,	\$0.04	\$0.31	\$1.65
4¾ -inch, .....	.05	.33	2.20
5½ -inch, .....	.06	.50	2.75
6 -inch, .....	.07	.75	4.25
7 -inch, .....	.08	.80	5.50
8 -inch, .....	.12	1.00	6.50
9 -inch, .....	.15	1.40	9.00
10 -inch, .....	.20	1.75	11.50
12 -inch, .....	.25	2.40	13.00
14 -inch, .....	.30	3.00	16.00



TIE-OUT CHAIN.



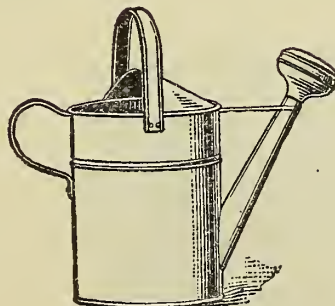
TUBULAR STEEL BARROW.



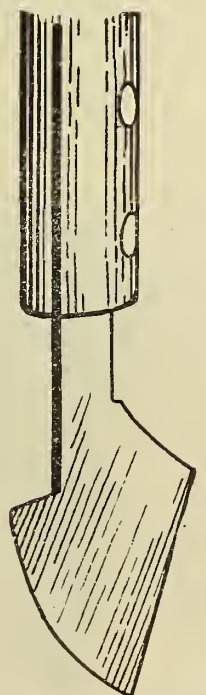
TROWEL.



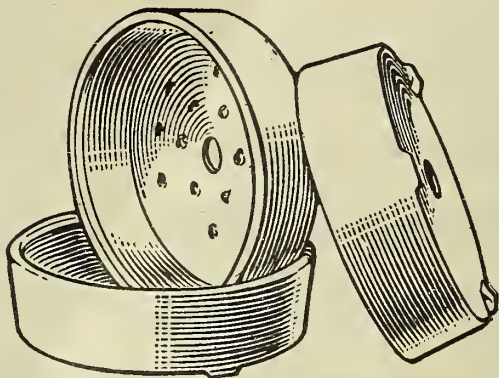
WRENCH.



WATERING POT.



WAKEFIELD WEEDER.



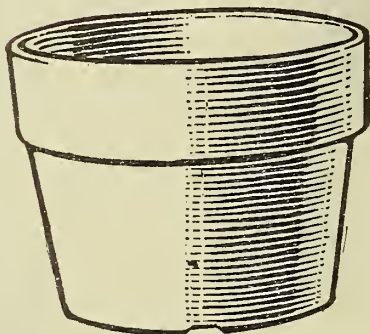
FERN PANS.



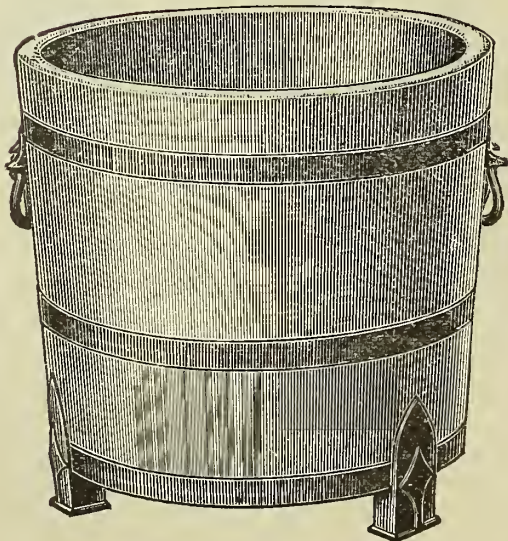
WOOD FIBRE ROLLING STAND.



EARTHENWARE SAUCER.



AZALIA POTS.



PLANT AND TREE TUB.

FERN DISH LINERS.—4c. to 20c.

WOOD FIBRE SAUCERS.—8c. to 75c.

WOOD FIBRE ROLLING STANDS.—For heavy plants. 75c. to \$1.50.

CEDAR TUBS, REGULAR RICHMOND STYLE.—Made of fine white cedar, with heavy cast feet and handles, and heavy flat-steel hoops. Tub painted green, hoops and feet black.

Size.	Outside Diameter.	Depth.	Price.
No. 0,	24¾ inches	24	\$7.50
No. 1,	23¾ inches	22	6.75
No. 2,	21 inches	20	6.00
No. 3,	18 inches	18	4.75
No. 4,	16½ inches	16	4.00
No. 5,	14 inches	14	3.50
No. 6,	12 inches	12	2.75
No. 7,	11¾ inches	10	2.35
No. 8,	10 inches	9½	2.00

NEW YORK STYLE TREE TUBS.

Made of Virginia white cedar, painted green. Hoops, feet and handles painted black. Complete tub, trifle lighter than regular.

Size.	Top Diameter.	Depth.	Price.
No. 1,	12 in.	10 in.	\$1.35
No. 2,	13 in.	12¾ in.	1.50
No. 3,	14½ in.	14¾ in.	2.25
No. 3½,	16½ in.	15 in.	2.75
No. 4,	19 in.	16 in.	3.00
No. 5,	22 in.	18½ in.	3.75

PHILADELPHIA STYLE TREE TUBS.

Size.	Top Diameter.	Depth.	Price.
No. 1,	15 in.	13 in.	\$2.00
No. 2,	14½ in.	12 in.	1.75
No. 3,	13 in.	12 in.	1.25
No. 4,	12 in.	11½ in.	1.00
No. 5,	11 in.	10½ in.	.90
No. 6,	10 in.	10 in.	.80
No. 7,	8½ in.	10 in.	.70
No. 8,	8½ in.	8 in.	.40

Made of Virginia white cedar, bound with three electric-welded wire hoops in grooves. The hoops will not break or fall off.

RICHMOND STYLE TREE TUBS.

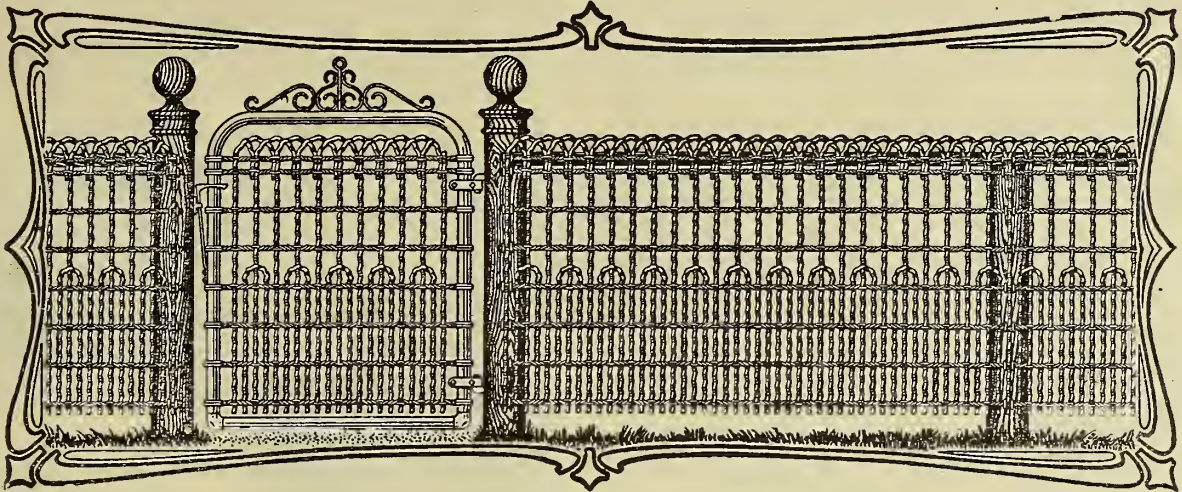
The tubs are made of white cedar, bound with flat steel hoop at bottom and three galvanized hoops above. Nicely painted green.

Size.	Inside Diameter.	Depth.	Price.
No. 1,	6 in.	6 in.	\$0.35
No. 2,	7 in.	7 in.	.40
No. 3,	8 in.	8 in.	.45
No. 4,	9 in.	9 in.	.50
No. 5,	10 in.	9 in.	.55
No. 6,	11 in.	10 in.	.65
No. 7,	12 in.	11 in.	.75
No. 8,	13 in.	12 in.	.90
No. 9,	14 in.	13 in.	1.00
No. 10,	15 in.	14 in.	1.10
No. 11,	16 in.	15 in.	1.25
No. 12,	17 in.	16 in.	1.65
No. 13,	18 in.	17 in.	1.75
No. 14,	19 in.	18 in.	2.00

Prices on Dreer's Keystone Plant Tubs, Jardinieres and special size tubs upon application.

CYCLONE SANITARY WIRE FENCING

Wire Fencing of All Kinds and Styles



STYLE "F."

Is our most popular and closest-mesh sanitary fence—opens up the yard to fresh air and sunlight, creating healthy playgrounds out of unsanitary back yards. Easily erected by anyone on ordinary wood posts and 2 x 4 top rail. Pickets No. 9 heavily galvanized wire spaced $2\frac{7}{8}$ inches at top, $1\frac{3}{8}$ inches at bottom, making fence absolutely chicken-proof. Best heights are 36, 42 and 48 inches.

PRICE PER LINEAL FOOT—STYLE "F."

36-inch, 12 cents.

42-inch, 14 cents.

48-inch, 16 cents.

Special prices in large quantities.

3 ft. Gate to match, \$3.00 and Upwards.

STYLE "L-EXTRA."

Is exactly the same construction as Style "F" above, except the additional lower pickets are not used. Pickets spaced $2\frac{7}{8}$ inches apart, making a very handsome and inexpensive enclosure for any yard. Best heights are 36, 42 and 48 inches.

PRICE PER LINEAL FOOT—STYLE "L-EXTRA."

36-inch, 10 cents.

42-inch, 11 cents.

48-inch, 12 cents.

Special prices in large quantities.

Gates to match, \$2.50 and Upwards.

CYCLONE FLOWER GUARD.

Fits any shape or size of bed. Bottoms of pickets left straight to be inserted in the ground.

PRICE PER LINEAL FOOT.

16-inch, 6 cents.

22-inch, 7 cents.

All Prices Subject to Change Without Notice

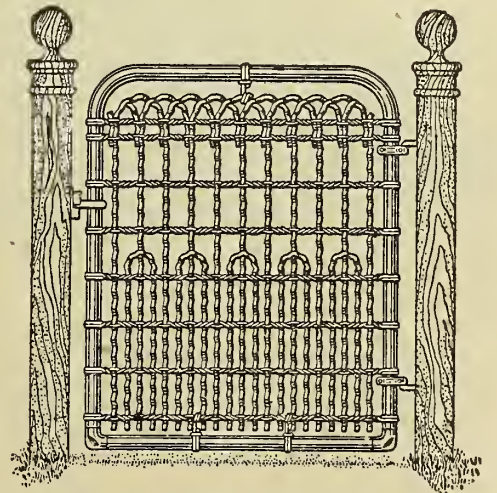
UNIVERSAL WALK GATE.

Strong enough for any yard, ornamental enough for any home. Heavy, high-carbon steel tubing non-breakable frame with Chicken-tight Style "F" Fabric.

Furnished with fittings to fasten to wood posts. Choice of 36, 42 and 48-inch heights.

Price for 3-ft. Opening, \$2.50.

"No Rust" All Galvanized Farm Gates, Factory and Cemetery Fences, Arches, Trellis, Tennis-Court Guards. Hitching Posts, Flower Bed Borders, Window Guards Etc.



MARTIN C. RIBSAM,

Corner Broad and Front Streets
TRENTON, N. J.

INSECTICIDES AND FUNGICIDES.

Prices subject to market fluctuation.

Full directions with each package. Poisons and liquids not available.

ANT-I-CIDE.—For ants in lawns; it drives them out. Non-poisonous powder for strewing on the infested surface. One pound will treat 300 square feet of lawn. 25c. per pkg.

APHINE.—Kills plant lice of every description. A strong nicotine extract. 40c. to \$2.50 per can.

APHIS PUNK.—A nicotine paper for fumigating. 60c. per box.

ARSENATE OF LEAD.—The best of arsenical insecticides; it will not burn foliage. Apply at rate of 1 lb. to 50 gal. of water. 18c. per lb. Prices upon request.

BLACK LEAF "40."—A nicotine solution for spraying or fumigating. ½ lb. 85c. and up.

BORDEAUX MIXTURE.—The very best remedy against fungus, rust and rots. Apply 1 lb. to 50 gal. water. ½ lb. 20c. and up. Prices upon request.

BORDEAUX—ARSENATE OF LEAD MIXTURE.—A very excellent remedy for apple and pear trees, potatoes, melons and cucumbers. It will keep roses free of mildew, black spot and insects of all sorts.

BORDEAUX MIXTURE (LIQUID).—Add water—it is ready for use. One quart to 50 gal. water. For fungous diseases. 1 qt. 50c. Prices upon request.

BORDEAUX MIXTURE (DRY).—For dusting for fungous diseases. Can be used as a spray.

BUG DEATH.—A sure and safe remedy for all kinds of plant-eating pests. It kills bugs and worms; harmless to birds, animals, bees and flowers. 1 lb. 15c. Prices upon request.

COPPER SULPHATE.—Used for early spraying and the making of Bordeaux. 1 lb. 25c. Prices upon request.

CROW CORN OIL.—A non-poisonous oil for protecting newly planted corn. Will not kill birds. Will run through seeder. 25c. per pt.; 40c. per qt.

CUT-WORM KILLER.—Very alluring to cut worms. It is non-poisonous to birds, fowl or animals.

FIR TREE OIL.—Destroys red spider, mealy bugs and aphids.

GRAPE DUST.—Kills mildew indoors and out; also mites and molds. 5 lbs. 50c.

HELLEBORE.—Destroys insects and worms on currants, vines, roses and shrubs. 25c. per pkg.

INSECT POWDER OR DALMATION.—For fleas, roaches, moths and ants. 10c. per pkg.

KEROSENE EMULSION (LIQUID).—For plant lice, aphids, etc. 1 gal. \$1.00.

LEMON OIL.—One of the most highly recommended insecticides for home and greenhouse use. It has a pleasant odor and destroys all insects and soft scales. ½ pt. 25c.; 1 qt. 75c., etc.

LIME SULPHUR SOLUTION (LIQUID).—The best known of scale and fungous destroyers. Good on pears and peaches. Use during dormant season. 1 gal. 35c. \$9.00 per bbl.

LIME SULPHUR SOLUTION (POWDER).—Used same as above. Dissolves entirely in cold water. 15c. per lb.; \$9.00 per 100 lbs.

NICO FUME.—Paper made from high-grade nicotine solution. Hang up and light and it will destroy green fly, thrips, and all insects destroyed by tobacco. 24 sheets \$1.00, etc.

NICO FUME (LIQUID).—Used for spraying and fumigating. Will kill most insects and scale. ½ gal. \$5.50, etc.

NIKOTEEN.—Kills aphids, thrip, rosebug, green fly, plant lice, mealy bugs, etc. 1 pt. 75c., etc.

PARIS GREEN.—Used for potato bugs and other eating insects. Prices upon request.

PINO-LYPTOL.—The very newest and quickest method of destroying weeds, grass and other growth in garden walks, gutters, tennis courts, driveways, etc. Use one part to ten or fifteen parts water and spray just before nightfall. 1 gal. \$1.50.

RAT CORN.—It petrifies the rat and leaves no odor. It is not poisonous to fowl or beats. 25c. per pkg.

SCALESIDE.—A very good winter spray for scale. 65c. per gal.; \$25.00 per bbl., delivered at your station.

SLUG-SHOT.—Sure death to the cabbage worm. It destroys all other insects also. 5 lbs. 40c.

SULPHUR, POWDERED.—Used on steam pipes in paste form or for spreading on roses for mildew. 5c. per lb. \$2.75 and \$3.25 per 100 lbs.

TOBACCO DUST.—Used for dusting on plants to destroy insects. 5c. per lb. Prices upon request.

TOBACCO SOAP.—A very good insecticide for general use. 10c. per pkg. and up.

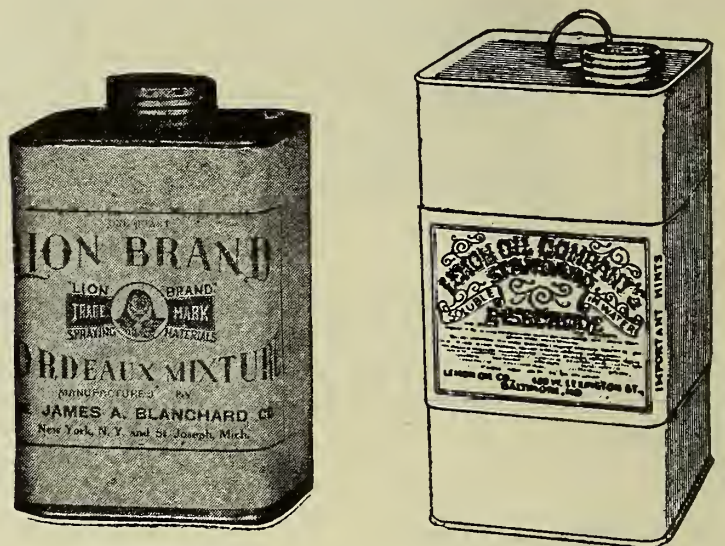
TOBACCO STEMS.—Used for fumigating, for covering lawns to furnish ammonia and drive away insects and moulds. 5c. per lb.; \$2.00 per 100.

TREE TANGLEFOOT.—A sure remedy against caterpillars, Gypsy moths and other insects which climb the trunk of a tree. 30c. per can.

WHALE OR FISH-OIL SOAP.—Used during summer as a wash; stimulating to the plant and prevents the spread of scale. 10c. and 20c. per pkg.

WEED KILLER.—(See Pinol-Lyptol.)

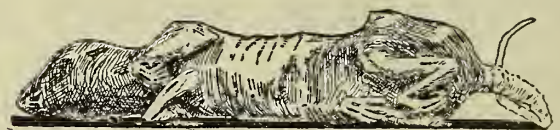
WORM ERADICATOR.—It eradicates worms in greenhouses or potted plants, also from lawns, tennis courts, etc. 25c. per pkg.



ARSENATE OF LEAD.



Pat. Mar. 16 & Nov. 9, 1897



RAT CORN.



ROOFING RU-BER-OID and KA-LOR-OID

The Roofing that has stood the test for twenty years on buildings of all kinds and descriptions. Rain-Proof, Snow-Proof, Heat-Proof, Cold-Proof, Time-Proof, Fire-Proof.



RU-BER-OID

Accent on the "Ru" and Always Spelled with one "B"
1/2 Ply, 1 Ply, 2 Ply, 3 Ply

KA-LOR-OID

Colored Ru-ber-oid

A colored weather-proof roofing for homes, bungalows, etc., with the same properties as Ru-ber-oid. It will not lose its coloring, for the coloring is incorporated during the actual process of manufacturing. RED, BROWN, GREEN.

PROTEX ROOFING.

A high-grade, ready-to-lay roofing, suitable for all classes of buildings. \$1.15 per roll.

CRONOLITE ROOFING.

It is light and durable, easy to lay, inexpensive. Water and weather proof. \$1.40 per roll.

ALL ROLLS CONTAIN 108 SQ. FEET. CEMENT AND NAILS INSIDE

OTHER ROOFINGS—Rubberoid, Amitite, Nails, Niagara Sheathing Paper, all weights; Roofing Tar, Roof Paint, Celery Paper, Cement, Caps.

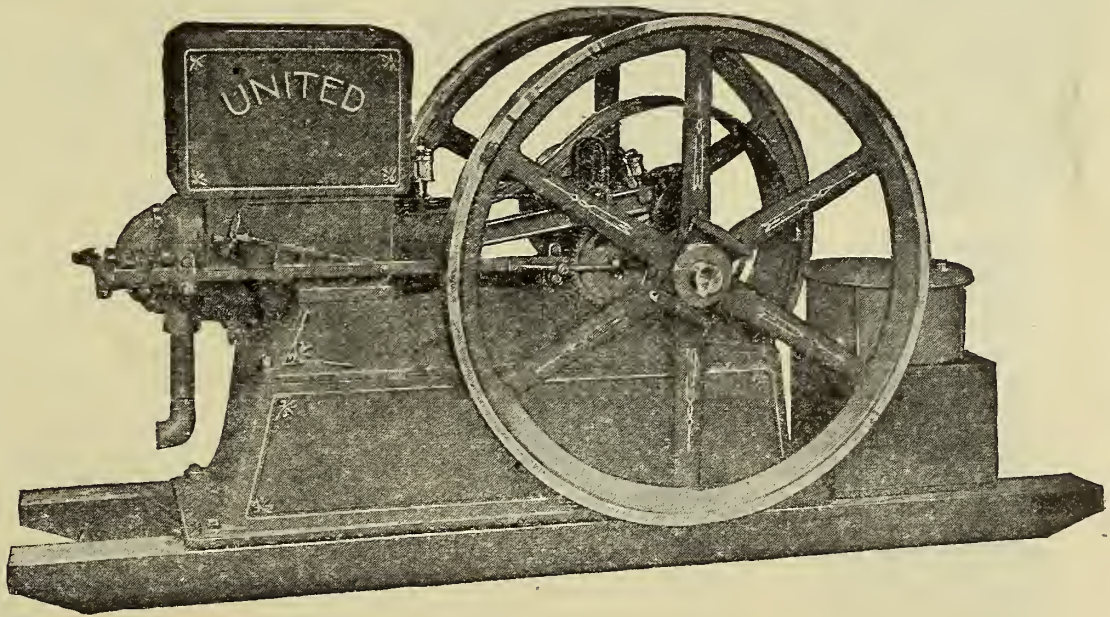
The Famous "Gray" Engine of the "777" Type Cannot be Excelled for an Engine of 7 H. P. Strength

FAMOUS "GRAY"

THE 'E AND B

AIR AND WATER-COOLED "UNITED"

THE "DOMESTIC"

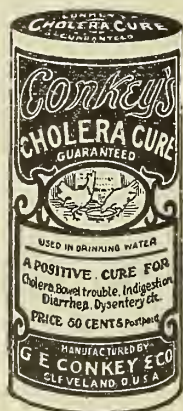
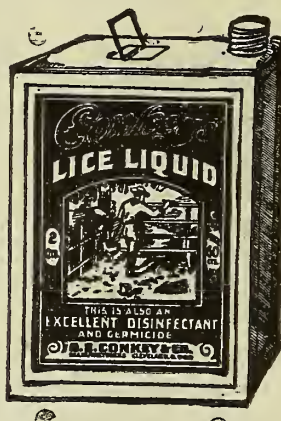


are types of High Grade Engines and are fully guaranteed by us. All sizes from 1 1/4 H. P. to 25 H. P. We carry a large stock of the various makes for running your water pumps, washing machines, and can attend your wants immediately and upon the shortest notice.

MARTIN C. RIBSAM, Trenton, N. J.

POULTRY SUPPLIES.

Below we give you as complete a list of poultry supplies and remedies as possible in this space. We carry a much greater line, and prices will be cheerfully given on application.



POULTRY FOODS.

	1 lb.	10 lbs.	25 lbs.	100 lbs.
Purina Chick,	\$0.04	\$0.35	\$0.75	\$3.00
Perina Poultry, .....	.04	.35	.75	3.00
Red Comb Poultry, ..	.04	.35	.65	3.00
Oyster Shell, all sizes..	.01	.10	.25	.65
Mica Grit, all sizes, ...	.01	.10	.25	.65
Charcoal, all sizes, ....	.04	.35	.65	1.80
Beef Scraps, .....	.04	.45	.85	3.50
Alfalfa, .....	.04	.35	.65	2.00
Cracked Bone, all sizes,	.04	.35	.75	2.50
Kaffir Corn, .....	.03	.30	.65	2.00
Buckwheat, .....	.04	.35	.75	3.00
Millet, .....	.05	.45	.90	3.00
Sunflower, .....	.10	.95	2.25	9.00
Hemp, .....	.10	.90	2.00	8.50
Rape, .....	.15	1.40	3.25	12.00
Vetch Spring Feed, ..	.10	.90	2.50	7.50
Poultry Mesh, .....	.04	.35	.75	3.00
Pratts Chicgrain, .....	.05	.45	1.00	3.75
Health Grit, .....	.03	.25	.50	1.75

Canada Peas, 15c. per qt.; \$1.00 per pk.; \$3.50 per bu.

Chick Chowder, 8-lb. bag, 25c.; 100-lb. bag, \$2.50.

Chick Manna, 5 lbs., 40c.

Pratt's Baby Chick Food, 15c. to 50c. per pkg.

Conkey's Baby Chick Food, 15c. to 50c. per pkg.

POULTRY REMEDIES.

Conkey's Remedies.

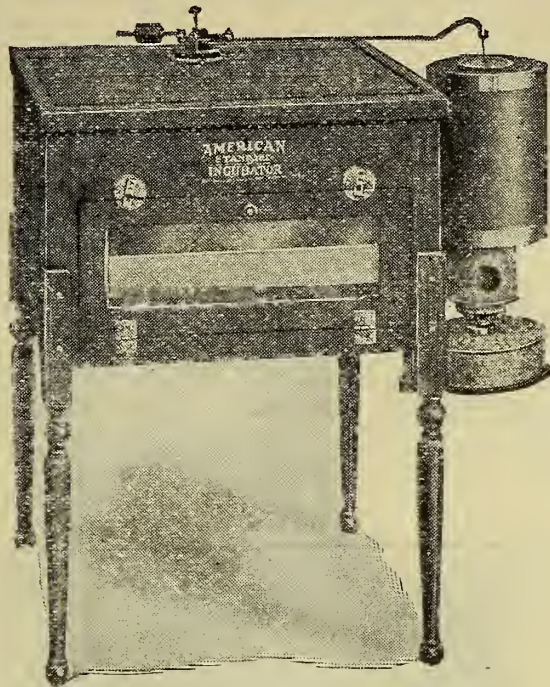
Roup Remedy,	25c.	50c.	\$1.00
Bronchitis Remedy,	50c.		
Cholera Remedy,	25c.,	50c.	
Chicken Pox Remedy,	50c.		
Limber Neck Remedy,	50c.		
Scaly Leg Remedy,	25c.		
Gape Remedy,	50c.		
Diarrhoea Remedy,	25c.,	50c.	
Poultry Tonic,	25c.,	50c.,	\$1.00
Black Head Tonic,	50c.		
Rheumatic Tonic,	50c.		
Worm Tonic,	50c.		
Poultry Laxative,	25c.		
Healing Salve,	25c.		
Head Lice Ointment,	10c.,	25c.	
Lice Powder,	10c.,	25c.,	50c., \$1.00
Lice Liquid,	35c.,	60c.,	\$1.00
Laying Tonic,	25c.,	50c.,	\$1.00; Pail, \$2.50
Nox-i-cide,	35c.,	60c.,	90c., \$1.50
Fumigating Candles,	10c.	3 for 25c.;	15c. 2 for 25c.

We also carry a complete line of Pratt's' and Rust's Remedies. Prices and catalogue cheerfully sent on application.

Model Incubators and Brooders.

New Patterns, With Many Improvements, Are Not Excelled.

INCUBATORS.



No. A, 70 Eggs,	\$10 00
No. B, 120 Eggs,	14 00
No. C, 200 Eggs,	17 00
No. 0, 100 Eggs, Standard,	18 00
No. 1, 175 Eggs, Standard,	22 00
No. 2, 275 Eggs, Standard,	32 00
No. 3, 410 Eggs, Standard,	37 00

Larger sizes on application.

Simplicity Incubators and Brooders

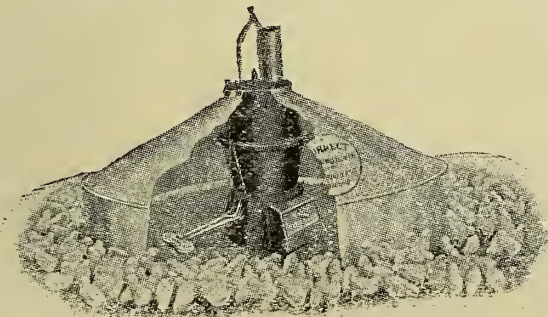
Hot water combination incubator and brooder, very simple and efficient.

50-Egg Size,	\$7 50
100-Egg Size,	10 00

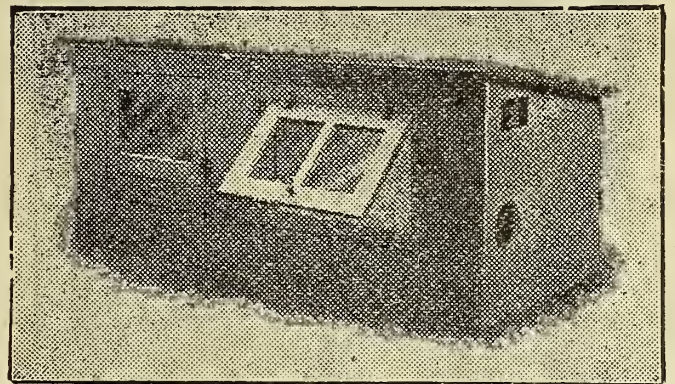
POULTRY SUNDRIES.

Drinking Fountains, Hoppers, Feeders, Etc.

	Price Each.
Galvanized Wall Fountains,	40c. to 75c.
Peerless Galvanized Brooder Fountains,	30c. to 85c.
Apex Galvanized Hinge Bottom Fountains,	65c. to 85c.
Folwel Galvanized Fountains, 1 qt.,	35c.
Apex Side Cups for Coops, Galvanized,	15c. and 20c.
Ribsam's Stoneware Drinking Fountains,	18c. to 45c.
Stoneware Drinking Fountains,	25c. to 65c.
Norwich Automatic Air-Lock Fountain,	\$3.00
Galvanized Fountains,	25c. to 60c.
Cast-Iron Fountains,	35c. to 60c.
Apex Galvanized Chick Feeder, double,	40c. to 75c.
Apex Galvanized Chick Feeders, single,	30c. to 75c.
Cast-Iron Compartment Chick Feeders,	30c. to \$1.25
Apex Side-Wall Galvanized Box Feeders, ...	50c. to 75c.
Hub Galvanized Chicken Feeder,	50c. and 60c.
Folwel Sanitary Galv. Dry Mesh Feeder, ...	90c. and \$1.00
Perfect Galv. Dry Mesh Feeder and Grit Box, ..	60c. to 75c.
Norwich Automatic Feeder,	\$2.50 to \$5.00
Jersey Sanitary Dry Food Hopper,	\$1.50 to \$2.50
Ideal Dry Mesh Feeder,	\$1.75 to \$2.25

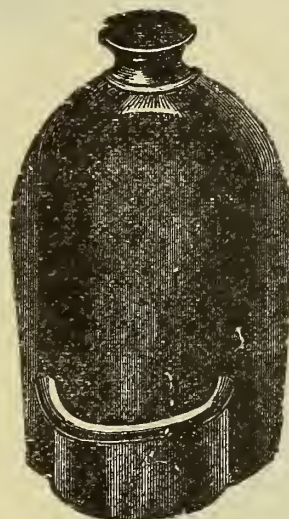


BROODERS.

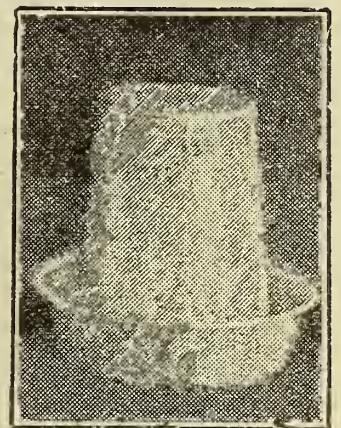


MODEL BROODER.

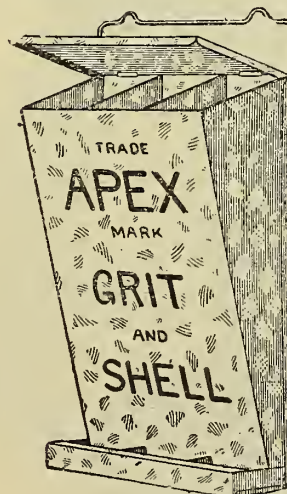
	Price Each.
Chick-Comfort Hover, Holds 150 Chicks,	\$8 50
No. 1, Indoor and Outdoor Brooder, holds 100 Chicks,	14 50
No. 2, Colony Outdoor Brooder, Holds 150 Chicks,	19 50
Coal-burning Hover, Holds from 500 to 800 chicks,	15 00
6-in-1 Exerciser and Feeder,	3.75 to 5.00
Conners Sprouters,	\$2.25 to \$4.00
Aluminum Leg Bands (3 styles), 15c. per doz.; 65c. per 100.	
Celluloid Leg Bands,	20c. per doz.; \$1.25 per 100.
Celluloid Pigeon Bands,	15c. per doz.; \$1.00 per 100.
Incubator Thermometers,	50c. to \$1.00 each.



STONEWARE DRINKING FOUNTAIN.

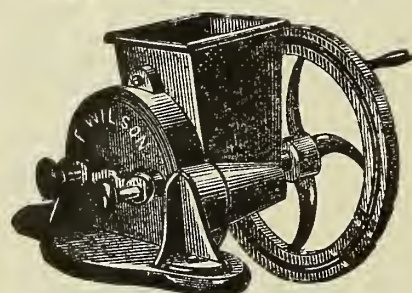


GALVANIZED BROODER FOUNTAIN.

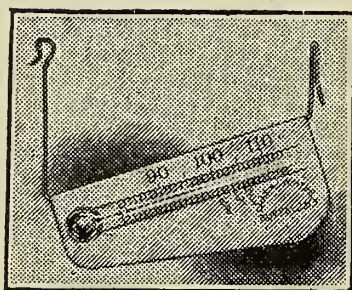




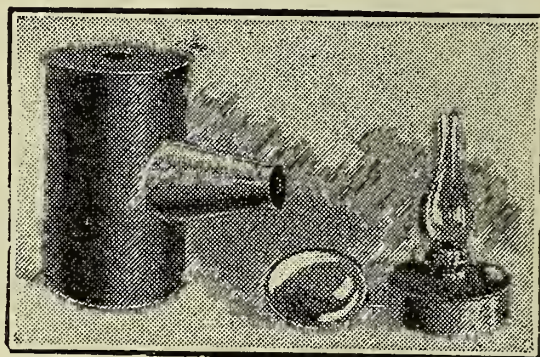
MANN GREEN BONE CUTTER.

BROODER
THERMOMETER

WILSON SHELL MILL.



EGG TESTER.



INCUBATOR THERMOMETER.

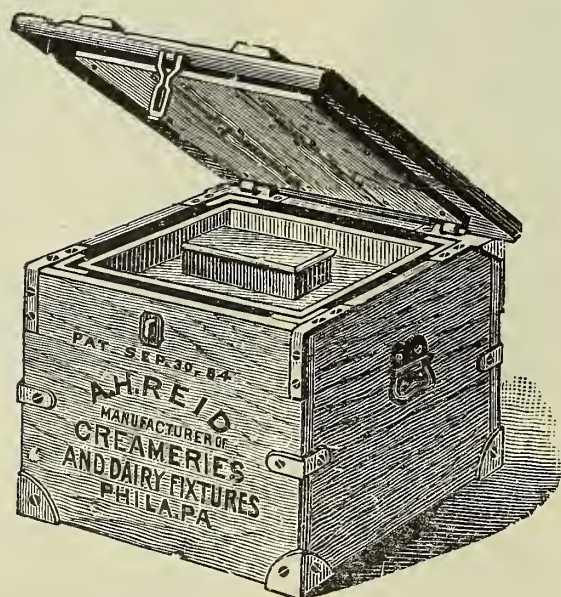
Brooder Thermometers,35c to 50c. each.
Medicated Eggs, Knox, 3c. and 5c. each; 30c. to 50c.
per doz.
China Eggs,2 for 5c.; 25c. per doz.

Mann Green Bone Cutter.

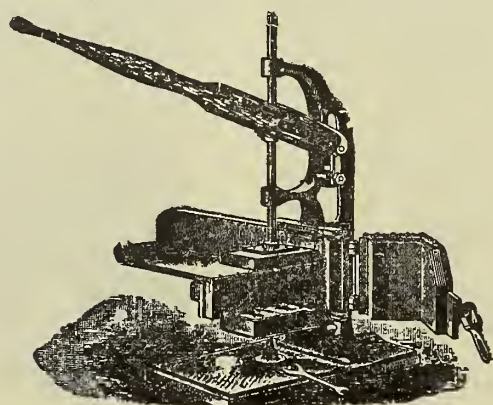
Each.
Incubator and Brooder Lamps,75c. to \$1.00 each.
Standard Egg Tester,25c. each.
Banner Root Cutter,\$4.50 to \$18.00
Wilson & Mountville Shell Mills,\$3.75
Wilson & Mountville Shell Mills, on stand,\$5.00
Perfection Corn Sheller,\$2.00
No. 5 C, with crank-handle,\$6.00
No. 5 B, with balance wheel,\$8.00
No. 7, best size for a yard of 100 hens and over, ...\$12.00
No. 7½, hand and power,\$16.00
No. 12, power only,\$30.00

Pilling's Complete Line of Poultry Instruments.

Price Each.
Philadelphia Poultry Marker,25c.
French Poultry Killing Knife,50c.
Gape Worm Extractor,25c.
Horse-Hair Gape Worm Extractor,15c.
Pilling's Killing Knife, angular,50c.



BUTTER BOX.



BUTTER PRESS.

Dairy Supplies

BOTTLE CARRIERS.—Extra heavy material and heavily galvanized. Quarts and Pints. Price each, 85c. to \$1.35.

BOTTLES.

BOTTLE FILLERS.—Our filler is one of the best. \$7.50 to \$85.00.

BOTTLE CAPS.—Skim Milk, Cream, Buttermilk and regular printed milk caps.

BOTTLE BRUSHES.—Regular and machine brushes of highest quality. 20c. to 45c.

BOTTLE-WASHING MACHINES.

BUTTER BOXES.—\$2.25 to \$6.00.

BUTTER PRESSES.—15c. to \$10.00.

BUTTER WORKERS.—\$4.50 upward.

BABCOCK'S TEST BOTTLES.—Milk, Cream and Skim Milk Bottles. 20c. upward.

BAG BALM.—Per box, 50c.

BARKER'S CATTLE POWDER.—15c. per pkg.; 2 pkgs. for 25c.; 6 pkgs. for 75c. Also new pkg., 25c.

BLATCHFORD and RYDES CALF MEAL.—This is an excellent meal for the young stock. 25 lbs. for \$1.00.

BUTTER PAPER.—In all sizes.

CHURNS.—Monumental, Improved and Babcock. \$2.25 to \$10.00.

COOLEY CANS.—Made of fine charcoal plate tin. \$2.75.

CREAM CANS.—Made of fine charcoal plate tin. 85c. to \$2.00.

CREAM KETTLES.—For serving purposes, all sizes, blocked tin and iron clad. 15c. to \$2.00.

CREAM PANS.—Japanned, painted and plain. Price each, 20c. to 30c.

CREAMERS.—\$1.00 to \$6.00.

COOLERS.—Doering Root. \$18.00 to \$30.00.

DAIRY THERMOMETERS.—All sizes and makes of thermometers and lactometers. 15c. to \$2.50.

GARGET CURE.—Per pkg., 50c.

IRON COW STANCHIONS.—\$1.75.

KOW-KURE.—Two size packages. 50c. and \$1.00.

LARD KETTLES.—35c. to \$1.00.

MEASURING KETTLES.—These are made of the best block tin, are iron clad and copper bound. \$3.75.

MILKING PAILS.—We have six styles of sanitary pails for you to select from. 65c. to \$1.85.

MILK CANS (FOR SHIPPING).—Iron clad, extra heavy tin, sanitary tops, New York style. 20 qt., \$2.25; 30 qt., \$2.50; 40 qt., \$2.75.

MILK DIPPERS.—Various styles and sizes. 15c. to 75c.

MEASURING STICKS.—Mention the style and size you want. 50c.

MILK SCALES.—Weigh 30 lbs. \$3.00.

MILKING TUBES.—25c. to 50c.

PHILADELPHIA STYLE LIDS (FOR LARGE CANS).—40c. and 45c.

PAILS.—Heavy galvanized, 10 to 16 qts. 35c. to 65c.

PAILS.—Heavy block tin, 10 to 16 qts. 45c. to 75c.

SANITARY LIDS (FOR LARGE CANS).—45 and 50c.

SERVING KETTLES.—Block tin, iron clad, copper bound, 10 qts. \$3.00.

SEPARATORS (DE LAVAL).—This is absolutely the best separator on the market. Do not fail to have one of these machines in your creamery.

No. 4,	\$40.00
No. 5,	50.00
No. 10,	65.00
No. 12,	75.00
No. 15,	90.00
No. 17,	110.00

Write for catalogue.

STANCHIONS.—In wood or steel. \$1.25 up.

TESTERS (THE BABCOCK MAKE).—Facile Improved Iron Frame Tester. \$4.50 to \$30.00.

We can also supply traveling outfits and all extras and supplies for above machines. Write for catalogue.

WARNER WOOD COW STANCHION.—\$1.25.

WARNER WOOD BULL STANCHION.—\$2.50.

WATERING TROUGHS.

WYANDOTTE.—The very best washing powder for the dairyman. It cleans and it cleanses and gives a lustre to your glass and tinware that no other washing powder can produce. In sacks, bags or barrel.



BABCOCK BARREL CHURNS.



WARNER STANCHION.



DE LAVAL SEPARATOR.

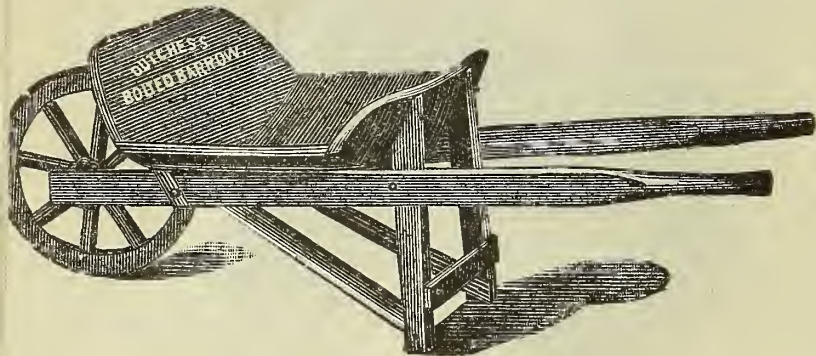


REID BUTTER PRINT.

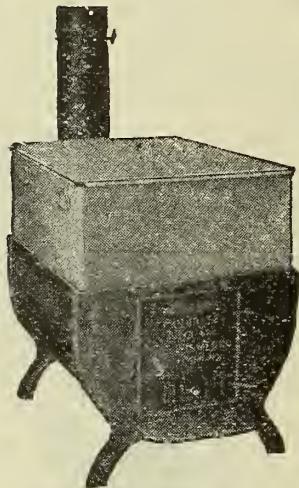
General Farm Machinery

LARGE TOOLS

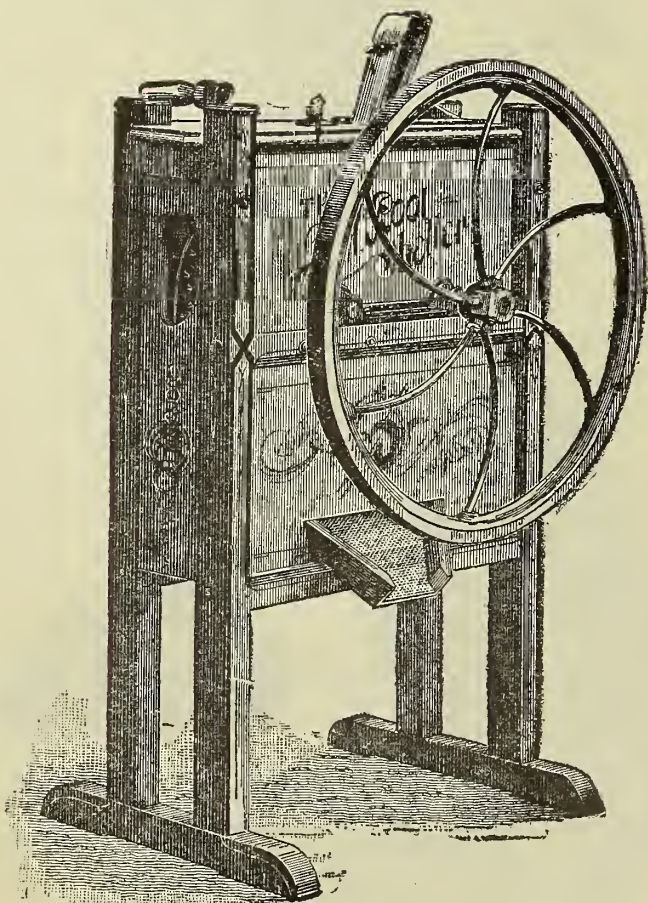
All Large Tools are at Our Warehouse, 147 E. Front St., Directly in Rear of Store



CANAL BARROW.



FARMERS' FAVORITE COOKER.



CORN SHELLER.

No. 1 WHEEL BARROW.—For general farm use.

No. 3 WHEEL BARROW.—For garden use.

No. 11 STONE BARROW.—Built very strong.

No. 5 CANAL BARROW.—Fully bolted.

No. 7 CANAL BARROW.—Fully bolted and strapped.

Nos. 16, 17 and 18 BARROWS.—Steel tray for heavy and rough work around mills, furnaces, foundries, railroads and farms.

LAWN BARROW.—A large barrow for use on lawns, in mills, tanneries, livery stables, etc. Box 25" x 32" x 18".

GREENHOUSE BARROW.—Very narrow for use in aisles. Box 4' 8" x 17" x 12".

TUBULAR BARROW.—Dump over wheels. For mortar, coal, etc.

For any special barrow, truck or cart, write us, we can furnish it.

BINDER TWINE.—Standard make of the best material.

BROOMS.—For all purposes; house, stable, dairy, street, etc.

BOILERS, FARMERS'.—Cast-iron stove and caldron. Three sizes. 22, 30 and 45 gallons. Price up to \$35.00.

Also THE "FARMERS' FAVORITE" FEED COOKER AND AGRICULTURAL BOILER.—These cookers complete with stove, fire-box, galvanized steel boiler with four handles and cover, one length of 6" stovepipe and one 6" elbow; from 25 to 100 gal.; \$10.00 to \$17.00.

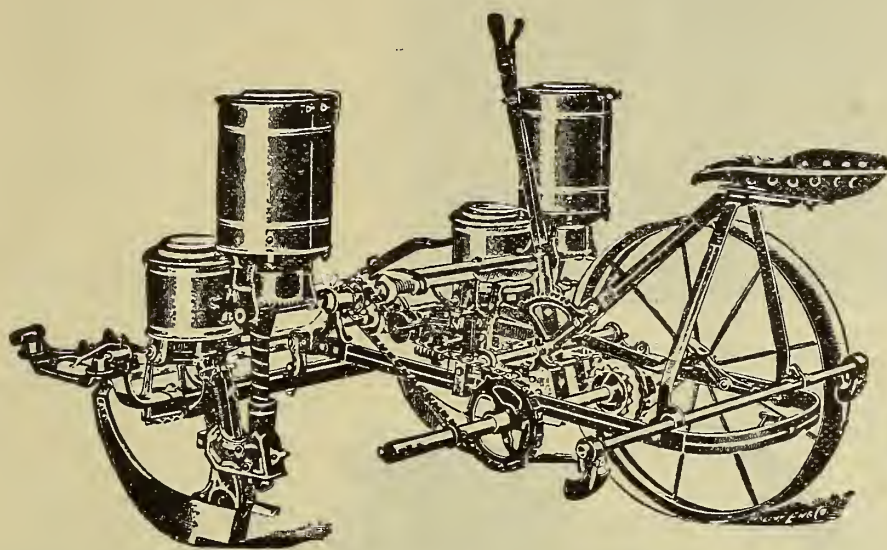
25 Gal., \$10.00; 30 Gal., \$11.00; 40 Gal., \$12.00.

A fine stove for heating water for washing. Burns wood or corn cobs.

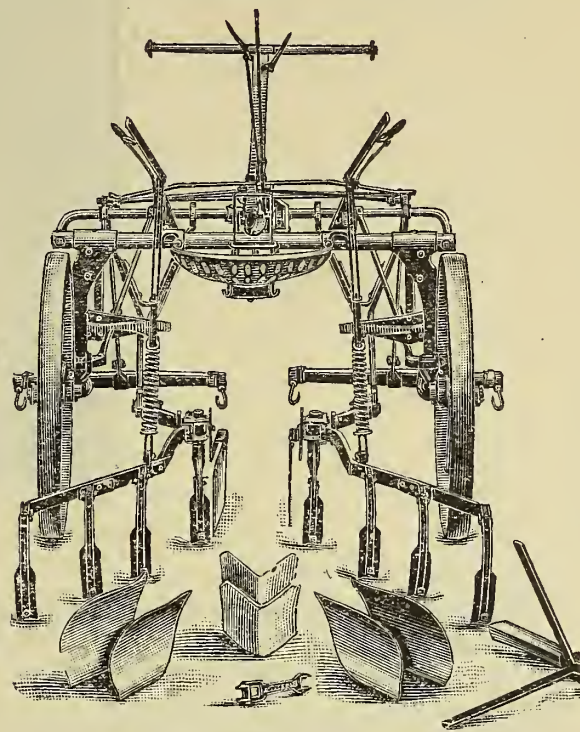
COW STANCHIONS.—Warner.—Wood, with patent lock. Porter.—Steel, with patent lock.

CORN SHELLERS.—No. 2, without cob separator, capacity, 125 bu. per day. No. 3, with cob separator, capacity, 125 bu. per day. No. 4, with cob separator, no sieve, capacity, 125 bu. per day. No. 7, separates cob and chaff. Two hopper, hand or power, capacity, 200 to 600 bu. per day. No. 8, unexcelled, like No. 7, for farm and warehouse use.

CIDER MILLS.—Our line of Keystone mills is unsurpassed. Made of the finest wood, all iron, braced and strapped. Ranging from No. 0 to Senior in size. Prices from \$3.75 to \$24.00.



BLACK HAWK CORN PLANTER.



OHIO RIDING CULTIVATOR.

CORN PLANTERS.—The Black Hawk. Absolutely the best planter on the market. Single or double row, one or two horse, check or drill, fertilizer attachment and high or low wheel.

Write for catalogue.

Bill Picks and other planters.

CORN BINDER AND HARVESTER.—The McCormick will handle corn under all conditions. Has an accurate knotter and practical bundle carrier. Will operate in almost any corn field.

CULTIVATOR, RIDING.—The "Famous Ohio" pivot axle and balance frame. No weight on horse's neck or sudden dumping. For use in any kind of vegetables. Can be narrowed to 26", and widened to 58".

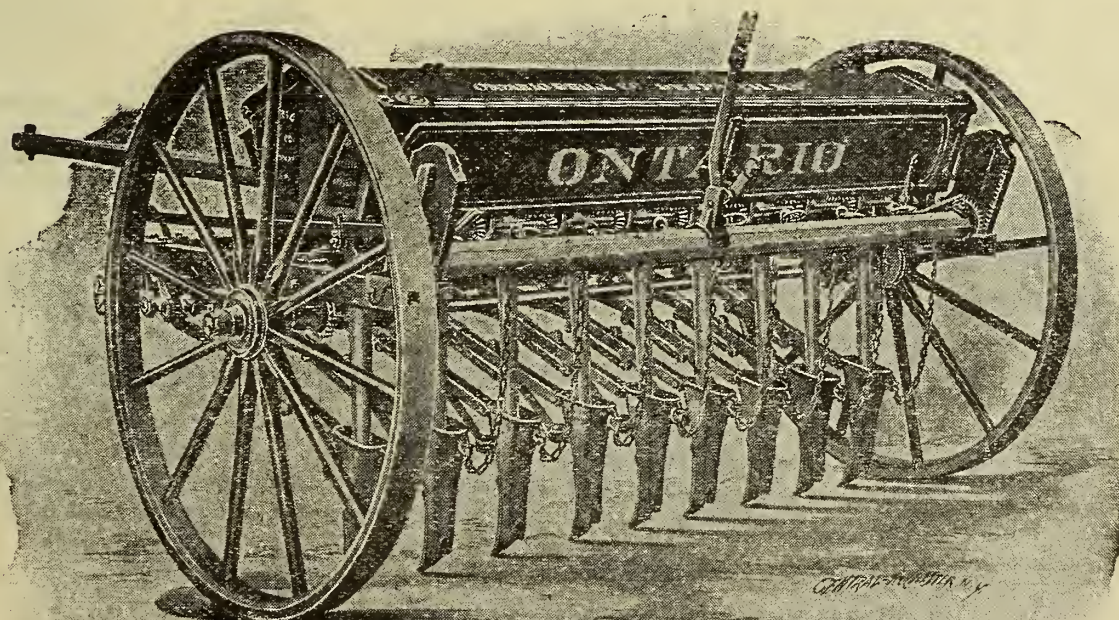
"Iron Age." Fixed wheel, a very fine machine for the gardener.

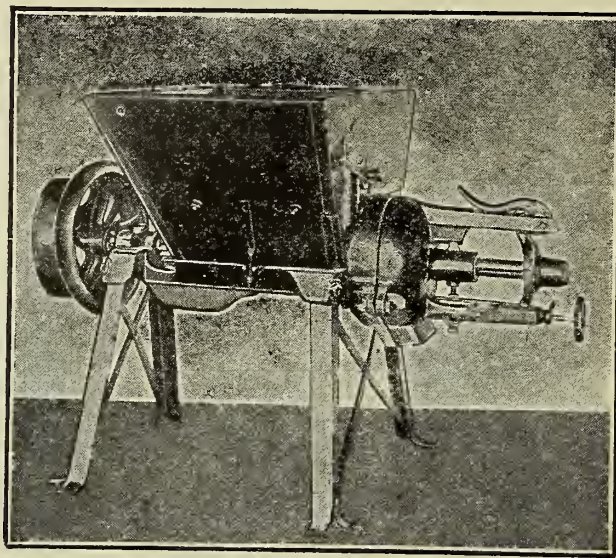
CLOD CRUSHERS.—Single or double. It breaks and pulverizes hard and lumpy soil and leaves it loose in narrow ridges. A wonder for increasing crops.

DRILLS.—The "Ontario" is the simplest constructed, lightest of draft and has the best force feeds of any drill on the market. Either hoe or disc furrowers.

DUSTER BEEDLE.—Always ready for use, can be operated by an inexperienced person. Furnished with cart and covers four rows.

DIRT OR DRAG SCOOPS.—Made of high carbon special scraper steel, securely riveted; it works perfectly. Equipped with heavy steel bail, hooks, sockets and perfectly working swivel. Our line of scoops is unsurpassed.





PEERLESS FEED MILL.

ENGINES.—The Domestic engine is the very best value for money paid. One of the highest grade and most durable engines in existence.

The United engine leads in low price and high quality. It has no equal as a chore engine.

Do not fail to consult us before placing your order.

FANNING MILLS.—Our mill is above reproach. It will clean any kind of seed, small or large.

FODDER CUTTERS.—The "Ohio" line is the best in existence. Frames made of the best of hard wood, securely constructed. Knives of the best steel, finely tempered. We carry all styles of cutters, blowers and shredders.

Our "Peerless" shredder is a revelation. This machine does wonderful work. Let us demonstrate it to you.

FURROWING SLEDS.—Used by truckers for marking out corn, potato and other vegetable patches.

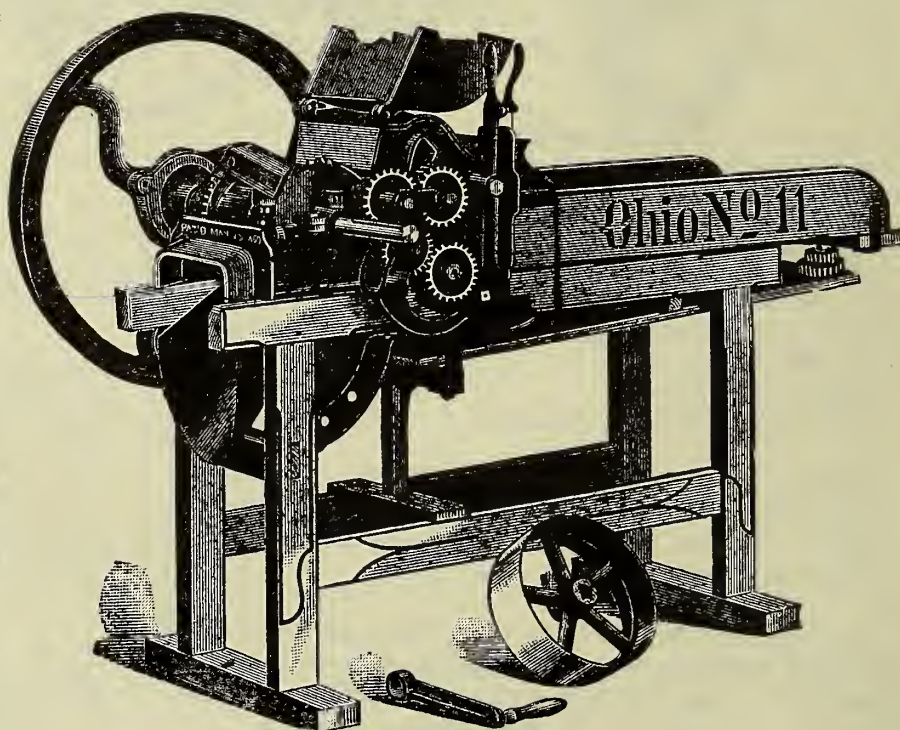
FEED MILLS.—The "Peerless Mill" grinds corn on the cob and grain. It is fitted with wooden pin breaks, sectional plates, quick release and needs no friction clutch to start it. It is the latest addition in the feed mill family.

FEED CUTTERS.—The Handy, Triumph and Ohio feed cutters, from \$2.50 upward.

GREEN BONE CUTTERS.—When you buy a "Mann" New Model, you buy a machine which you will keep. You can try it before you buy it.

GRIDING MILLS.—The Peerless Line Mills of all sizes, for all purposes, with three section sectional plates. It is positively the easiest adjusted, best constructed and absolutely paramount mill on the market to-day. Never buy a mill until you have seen the "Peerless."

GRIND STONES.—Our line is the best in the market. Hand and power machines from 2 to 240 lbs. Stones are movable on frames to suit operator. Journals are ball-bearing, making easy running and frictionless machines.



OHIO FODDER CUTTER.



FURROWING SLED.

HAY CARS.—The Ney car is the lightest draft fork carrier ever made. Carries pulley close to track and travelers cover large track surface.

HAY FORKS.—We carry the Harris and Nellis single harpoon forks, Farrel grapple fork and Ney Slings. We can supply your every want.

HAY LOADERS.—The Hocking Valley is the best. We stand back of it.

HAY RACKS.—Corner and side-racks, cast-iron, steel and wire, mangers and stall partitions.

PITTSBURG PERFECT ELECTRICALLY WELDED FENCES

THE WELD THAT HELD

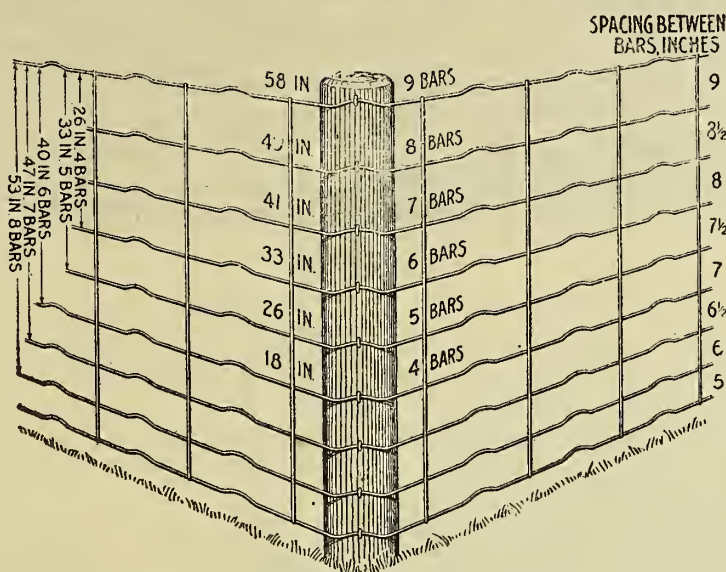
FARM FENCE

HOG FENCE

JUMBO FENCE

GARDEN FENCE

LAWN FENCE



CATTLE FENCE

SHEEP FENCE

RABBIT FENCE

CHICKEN FENCE

BARB AND PLAIN
WIRE

Remember that all "PITTSBURG PERFECT" Fences are now made of the new "DOUBLE GALVANIZED" wire which adds YEARS OF LIFE to them

Remember that all "PITTSBURG PERFECT" fences have stay wires as heavy as intermediate line wires. A fence is only as strong as its lightest wire.

No wire projects to injure stock or pull wool of sheep.

Possesses the strongest fence joint in the world.

Where wires are welded together by electricity, the fence is twice as strong as the wire itself.

Guaranteed that the wire is not injured at the joints.

Guaranteed stronger and more durable than any other wire.

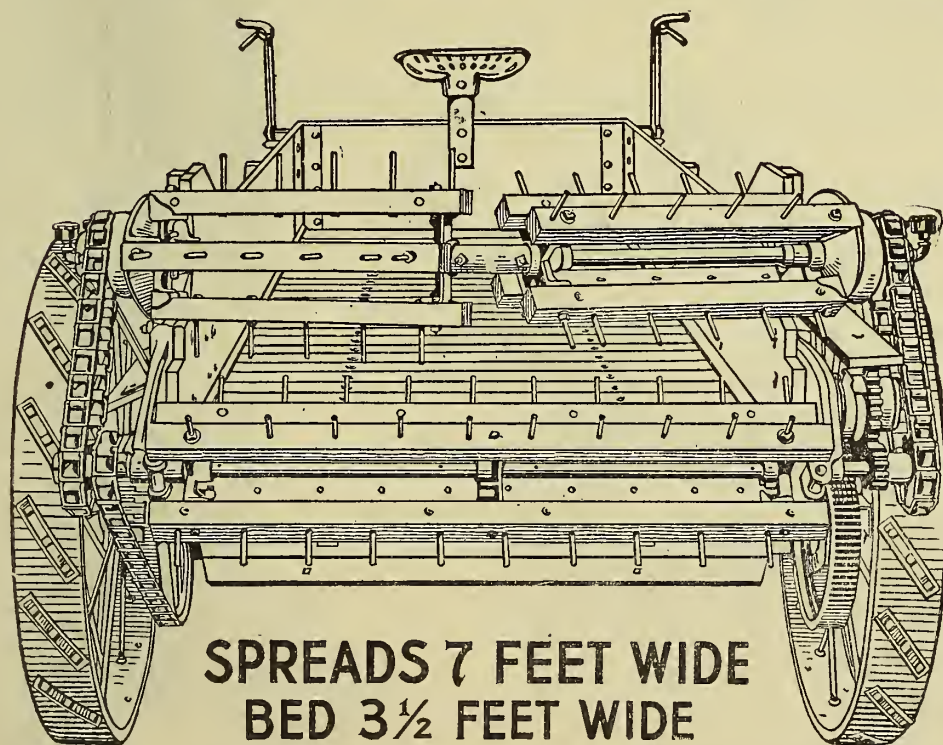
We can supply you with any style or size fence from

Our Warehouse,

MARTIN C. RIBSAM.

147 E. Front St.

THE RUDE WIDE SPREAD, No. 6



This is the Spreader you have been looking for.

A Wide Spread

A Narrow Thread

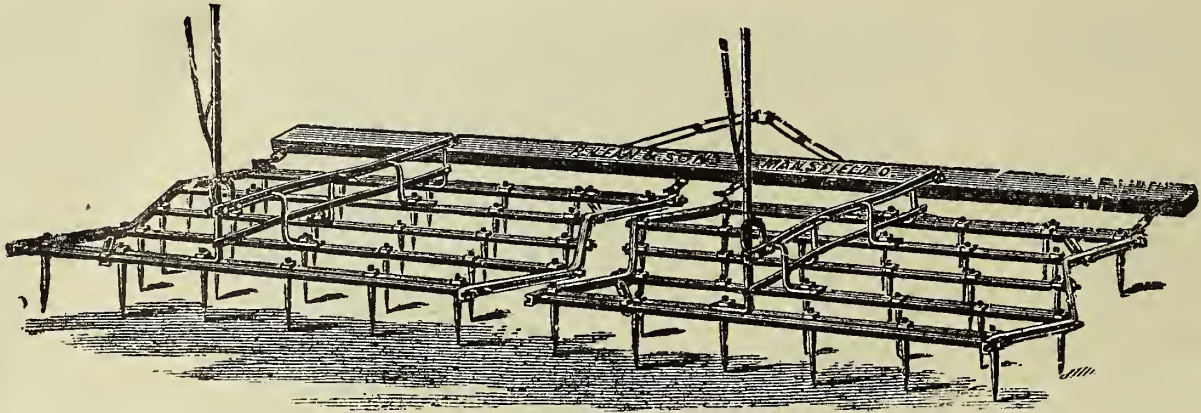
An Even Spread

It's all in the Beater

Absolutely the greatest and best constructed Manure Spreader on the Market

No other will fill the bill
Don't fail to look it over

Martin C. Ribsam's, TRENTON, NEW JERSEY



SPIKE HARROW.

HARROWS.—Double and single disc, star and orchard disc harrows, spike tooth harrows in steel and wood, with closed and open frame, also spring tooth and Acme harrows. Ask for particulars and catalogue.

Our light draft orchard extension harrows are the newest thing for the orchard. Call and see them.

HOG TROUGHS.—Cast-iron and steel hog, horse and poultry troughs, combining strength, cleanliness, utility and long-lasting qualities. You should have one.

HOISTS.—The Farrell double-drum hoist, the best hoist for the farmer.

HOG SCALDERS.—Made of the best galvanized iron, with steel fire-box. Have improved swinging rack, with ratchets to hold it where desired.

HITCHING POSTS.—Our line consists of wood, iron, galvanized and steel posts.

LADDERS.—Straight and extension ladders. Step ladders and adjustable scaffolding jacks. Extensions fitted up with bale or locks. Fruit and window ladders. All ladders made of the best materials, with wood free of knots.

LIME SPREADERS.—The Ontario is positively the best. It has unmistakably made good. The Ontario Broadcaster and Rower is without an equal. It is the only force-feed machine of its kind made.

MANURE SPREADERS.—The Rude-Wide is the only spreader with a narrow tread and a wide spread. Bed 3' 6", Spread 7'.

MOWERS.—The McCormick new 4-mower is the simplest mower made, has less parts than any other mower. It is light in draft and very durable and has direct stroke pitman.

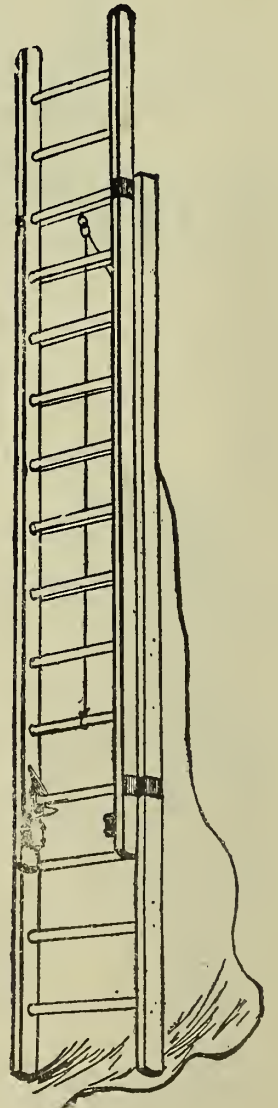
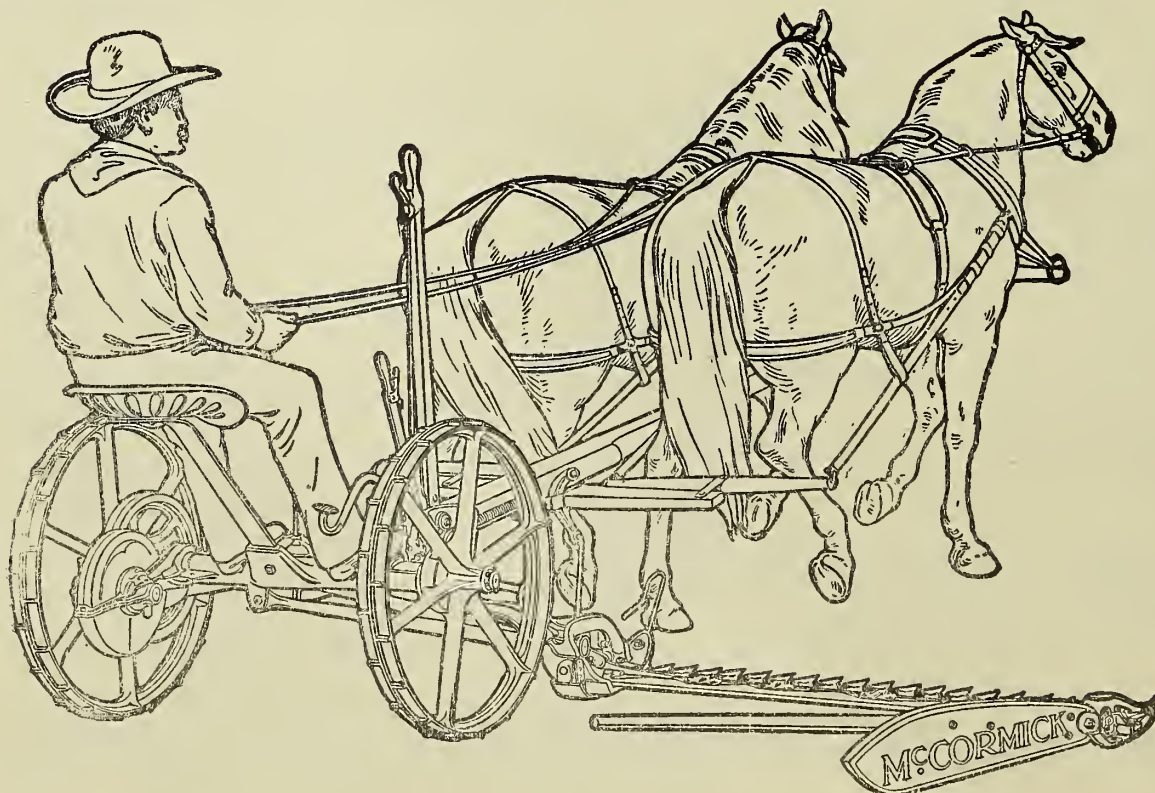
MANGERS.—All kinds of steel and cast-iron corner and side mangers.

NAILS.—In any quantity, style or size, by the pound or keg. Staples and caps of all kinds. Also flat head roofing nails.

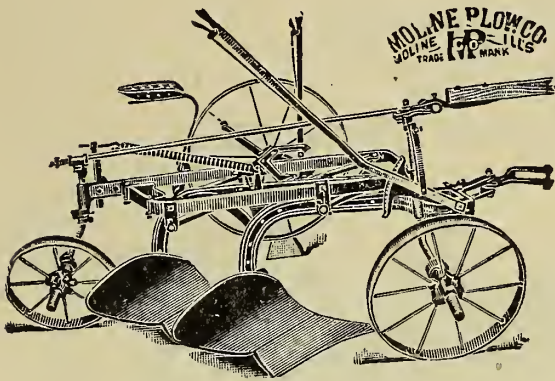
OAT FORKS.—The handiest thing for handling oats. Made of the best of wood.

POTATO CUTTER.—The Eureka has the greatest capacity; cuts uniform size, prevents waste, reduces cost. It will cut a bushel of seed in five minutes.

PUSH CARTS.—Of the best construction, in all sizes. Heavily braced and riveted, with wood or steel wheels. Ask for catalogue.



LADDER.

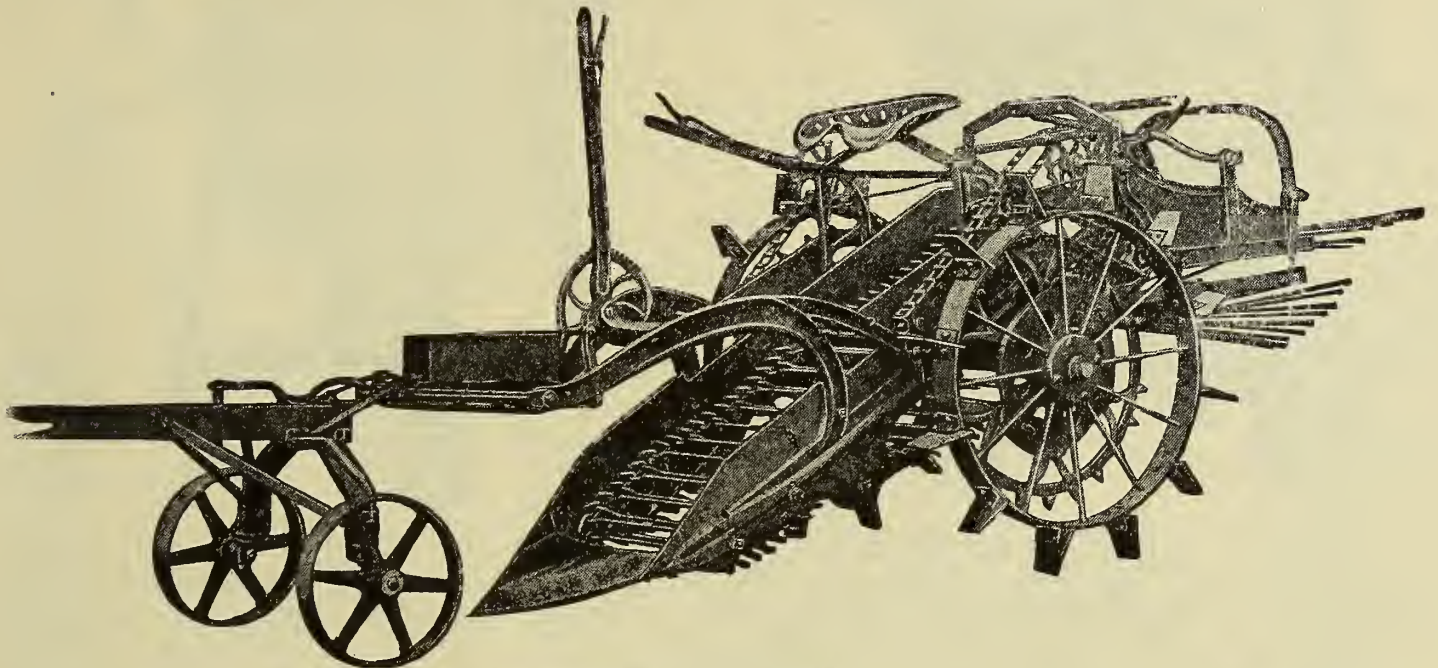


PLOWS.—You cannot help being satisfied when you examine our line. The different makes can be seen at our warehouse, on E. Front street, in all styles

Syracuse, South Bend, Wiard, Bissel and Boss. Vineyard, Contractors and Rooter plows. Pilot and New Casaday Sulky plows. South Bend and Chicopee Two-way plows. Spaulding Deep Tilling plow, Subsoil plows, also subsoil attachments and sweet potato plows. We carry in stock extras for any plow.

POTATO PLANTERS.—"Eureka," with or without fertilizer attachment. The most perfect planter on the market. Light weight and draft. Main frame all steel; one man control.

"Aspinwall." The planter for you. A one-man machine doing easy, perfect and profitable work. Also Robbin planters.



HOOPER POTATO DIGGER.

POTATO SORTERS.—In several makes. We can satisfy you. Aspinwall, Snook, etc.

POTATO DIGGERS.—Our line consists of a selection from a collection of the best. The Hoover, Little Giant, Iron Age, Hallock and Planet, Jr.

ROLLERS.—The "Famous Ohio," and "Buchs" makes in steel and wood, two or three sections. Do not miss seeing our new all steel flexible frame roller, it's a dandy.

REAPERS AND BINDERS.—The "McCormick" is simple, dependable, light of draft and easy to operate. It cannot be beat. Let us demonstrate it to you.

RAKES.—We can sell you a Walter A. Wood or Ohio Champion rake, with self, foot and hand dump. They are durable and easy to operate. The Hocking Valley Side Delivery is unsurpassed. Look it over.



ROOT CUTTERS.—Our "Banner" line is complete. Machines for hand and power. These machines are of the highest value to the stock raiser. Our No. 30 will cut the root 1800 times and cut out from 1½ to 2 bu. of cut feed per minute by hand.

The "Buchs" cutter is an excellent machine, feeds itself and cannot choke or clog.

ROPE.—In all sizes in cotton, jute, manilla and hemp. Garden line, twine and tape.

SAWS.—Saws mounted or unmounted, with or without frames.

No. 4, Cross-cut Circular Saw, Blade 18" to 24".

No. 5, Cross-cut Circular Saw, Blade 22" to 30".

No. 3, Cross-cut Circular Saw, Blade 22" to 30".

One and two-man cross-cut and log saws.

STRAWBERRY BOXES.—Quart and pint standard boxes, made of the best material with tight corners.

SPRINGS.—For wagons and all purposes, single and double, with or without braces.

SEEDERS.—"The Thompson." The original and only successful wheelbarrow grass seeder. It will sow any kind of grass seed. Cahoon and other hand seeders.

STUB CUTTERS.—Our Newkirk cutter is the only cutter on the market which will do satisfactory work.

TRUCKS.—For bags, barrels and all purposes, with any style foot. We can supply your every want.

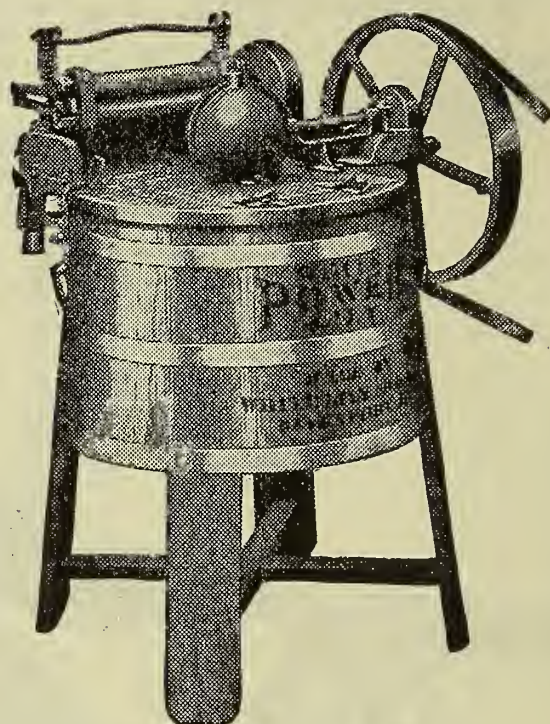
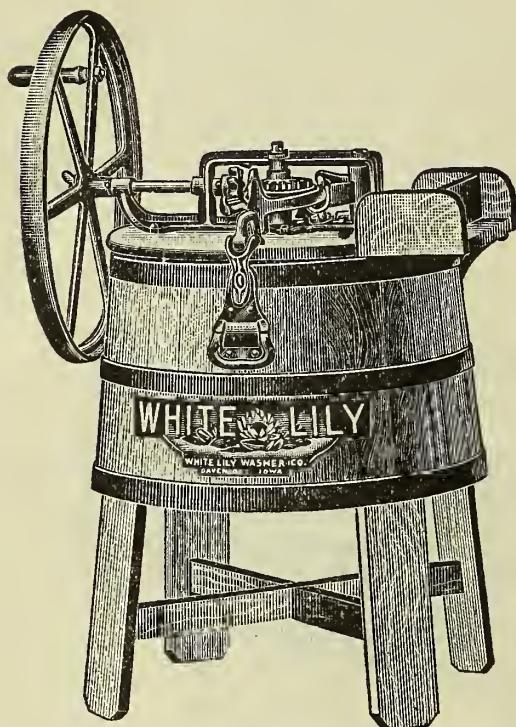
WIRE STRETCHERS.—The "Veribest," Wilcox, Ney and Hall stretchers.



LOW-DOWN FORCE
TANK PUMP.

Washing Machines

The White Line Hand-Coopered Machines

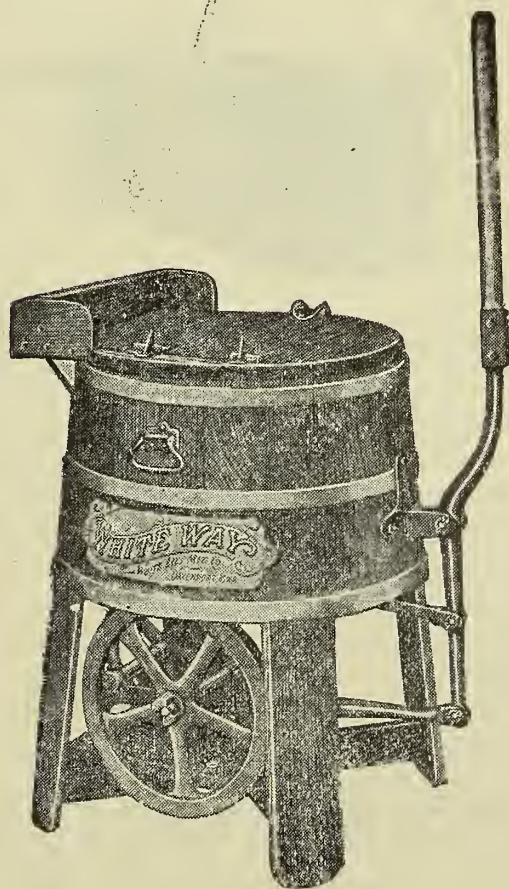


POWER WASHER.

The White line of machines is constructed of the very best materials throughout, and when properly cared for will last many years.

WHITE LILY.—A high-speed of the fly-wheel type.

HUMMER.—A light-weight rotary washer, with a five-year guarantee. The gears are enclosed.



WHITE WASHER.—The speediest and lightest running hand-power washing machine in the world.

WHITE DAISY.—The machine with an oscillating tub and ball-bearing.

WHITE LILY ELECTRIC WASHER.—Operated from any electric light socket, at a cost of less than two cents per hour. Wringer and motor attached. It is a wonder.

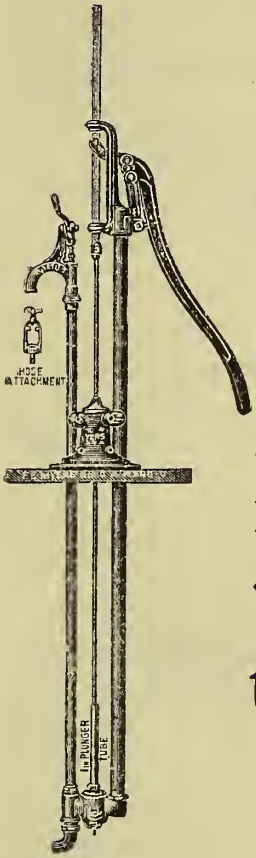
WHITE LILY POWER WASHER.—A machine especially built for us with an engine wringer attached; will run two ways with turn of lever. In this line we have a special outfit which it will pay you to look into.

WHITE WAY PLATFORM WASHER No. 20.—This machine consists of a large tub, which can be tipped and drained, with a platform for two extra tubs and a basket. The wringer operates over all the tubs, and can be shifted at will. It can be run in any direction, and the control is by a foot-lever. All operating parts are under the platform and easily accessible. The construction is of the finest heavy red cypress, with a minimum amount of iron or steel parts. It is absolutely the best washer on the market. Be sure to stop and see it.

MAYTAG WASHER.—A special power washer, with many conveniences attached to it. It is a superb machine and will give you guaranteed satisfaction.

PUMPS

Pumps for Every Purpose



THREE-WAY
FORCE PUMP.

PUMPS.—A full line of Meyers' Well Pumps. Tank and suction pumps, including pumping jacks of various styles. Leathers and cylinders.

Pitcher Pumps, Iron and Brass Lined,\$1.50 to \$2.00
Cog-Gear Single-Acting Lift Pump,\$5.50 to \$7.50
Cog-Gear Single-Acting Force Pump,\$7.00 to \$9.50
Pneumatic cog-gear double-acting anti-freezing force pump, ..\$12.00 to \$15.00
Meyers Cog Tank Pump, according to capacity,\$10 to \$20.00
Meyers Single-Acting Three-way Force Pump, Anti-freezing, \$15.00 to \$20.00
Extra heavy pump, stands with stop cock spout,\$7.00 to \$8.50
Cucumber pumps, plain and porcelain lined.

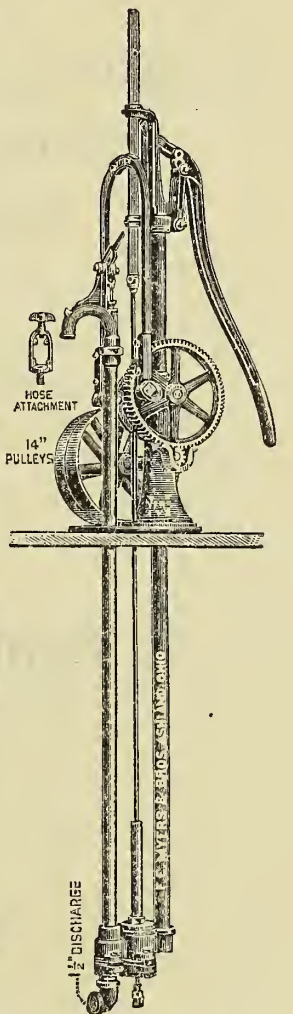
Pumps for Pneumatic Air Compression Water Systems. All styles for any purpose. A full line of well points for driven wells, caps, couplings and pipe.

**All kinds of Pumps for spray-
ing and Spraying Apparatus**

**When in need of a water sys-
tem for the home or stable**

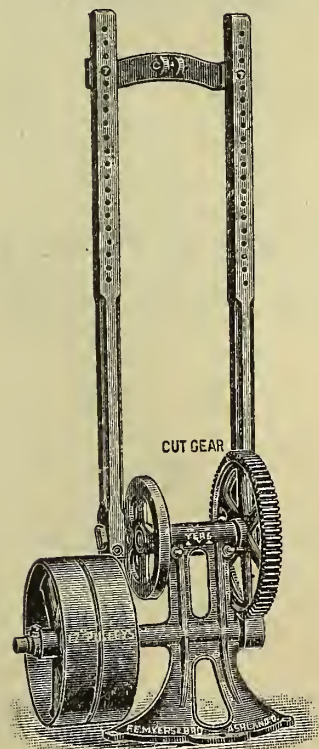
Consult Ribsam

**Water systems and all neces-
sities for the home or stable**

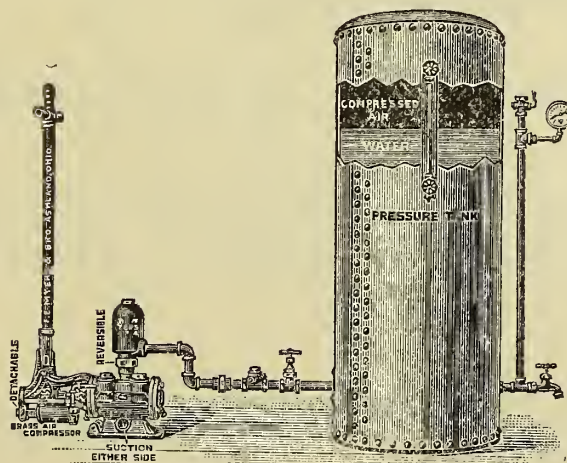


THREE-WAY PUMP
AND JACK.

Do not fail to ask for estimates

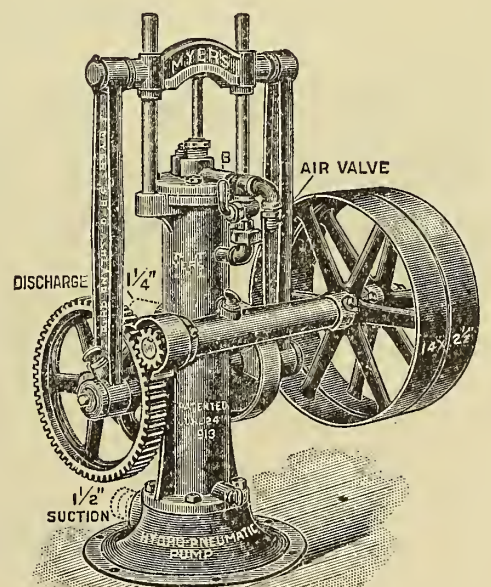


PUMP JACK.



HYDRO-PNEUMATIC PUMP
AND PRESSURE TANK.

MARTIN C. RIBSAM
Warehouse: 147 E. Front Street
Store: S. Broad and Front Sts.
TRENTON, N. J.



HYDRO-PNEUMATIC
POWER PUMP.

When in need of
LARGE FARM TOOLS

such as

Aerators, Clarifiers, Power Churns and Butterworkers,
Pasteurizing Machines, Separators, and other
necessities for the dairy, we can supply
to your satisfaction

FOR THE POULTRY

Mammoth Hatchers, Brooders, etc., are sold
and erected by us

FOR THE FARM

CORN HARVESTERS, GRAIN HARVESTERS,
TRACTORS,
are all contained in our stock.

We will be glad to estimate on BIG ROOFING or FENCING
CONTRACTS and on WATER-SUPPLY SYSTEMS FOR THE
HOUSE OR BARN.

Skinner Water Systems for the Truck Patch

Write us when in the market

MARTIN C. RIBSAM

HANDY MEASUREMENTS

SIZE AND CAPACITY OF A SILO.

A silo 16 feet in diameter and 26 feet high will hold about 100 tons of silage. It will require about 8 acres of good corn to fill such a silo and that amount will feed 26 cows for six months, giving a daily ration of 40 lbs. A silo 10 feet in diameter and 20 feet high will hold 28 tons of silage, or enough to feed 8 cows for six months.

GOVERNMENT RULE FOR MEASURING HAY IN STACK.

Measure over stack with rope. Subtract the width of stack from what it measures over. Divide the remainder by 2. Multiply the result by the length and width. Divide this result by 512, the number of cubic feet per ton.

TO ESTIMATE NUMBER OF TONS OF HAY In Square or Oblong Stack.

Multiply the length in feet by width in feet and this by 1/2 the height. Divide the result by 300.

In Round Stack.

Square the distance around the stack in yards. Multiply this by 4 times the height in yards. Point off two places from the right and divide remainder by 20.

CONTENTS OF BOXES AND BINS.

Length.	Breadth.	Depth.	
5 ft.	3 ft.	2 ft.	24 bu.
5 ft.	3 ft.	3 ft.	36 bu.
5 ft.	3 ft.	4 ft.	48 bu.
7 ft.	5 ft.	3 ft. 9 in.	100 bu.
9 ft.	6 ft.	5 ft.	216 bu.
13 ft.	8 ft.	6 ft.	500 bu.
4 ft. 8 in.	2 ft. 4 in.	2 ft. 4 in.	20 bu.
24 in.	16 in.	28 in.	1 bbl.
26 in.	15 1/2 in.	8 in.	1 bu.
12 in.	11 1/2 in.	9 in.	1/2 bu.
8 in.	8 in.	8 in.	1 peck
8 in.	8 in.	4 1/8 in.	1 gal.

CAPACITY OF CISTERNS.

Each Foot in Depth of a Circular Cistern.

5 ft. in diam. holds,	4.66 bbls.
6 " " "	6.71 bbls.
7 " " "	9.13 bbls.
8 " " "	11.93 bbls.
9 " " "	15.10 bbls.
10 " " "	18.65 bbls.

Each Foot in Depth of a Square Cistern.

5 ft. x 5 ft. holds,	5.92 bbls.
6 ft. x 6 ft. " "	8.54 bbls.
7 ft. x 7 ft. " "	11.63 bbls.
8 ft. x 8 ft. " "	15.19 bbls.
9 ft. x 9 ft. " "	19.39 bbls.
10 ft. x 10 ft. " "	23.74 bbls.

SHORT METHOD FOR FIGURING ACREAGE.

A short and simple method for reducing any given or known land measurements in rods to acres.

Take a field 40 x 60 rods. To find the area in square rods, multiply one by the other, which in this case will give 2,400 square rods. Instead of dividing by the number of rods in an acre, as is customary, multify the result, which in this case is 2,400 square rods, by .00625, which gives 1,500,000, and when 5 decimal places are pointed off, as carried by your multiplier, the result is 15 acres, viz.:

40 rods	2400 sq. rods
60	.00625
<hr/>	
2400 sq. rods.	12000
	4800
	14400
<hr/>	
	15.00000

The decimal equivalent .00625 holds good no matter what the measurements may be, and will invariably give an accurate result. As the decimal equivalent .00625 carries five decimal places, it is necessary that five places be pointed off in each and every product obtained by multiplying thereby.

CONTENTS OF WAGON BOX.

Multiply length in inches by width in inches, and this result by height in inches. Divide this result by 2150.42. This will give you the exact number of bushels.

A common wagon box is about 10 feet long and 3 feet wide, and will hold about 2 bushels for every inch in depth.

To find the approximate number of bushels, multiply the depth of the wagon box in inches by 2, and you have the number of bushels.

If the wagon box is 11 feet long, multiply the depth in inches by 2 and add one-tenth of the number of bushels to itself.

A bushel to the inch is calculated for corn on the cob.

PLAN FOR KITCHEN GARDEN WHERE SPACE IS LIMITED

For the convenience of those who have only a limited space at their command, the accompanying plan is suggested as an aid in laying out a small kitchen garden.

Where the rows are made the distances apart indicated on this diagram, thirty-five feet are required in one direction.

If the rows are to run east and west it is desirable to have the corn at the north end, otherwise the corn is likely to shade too much the rows near it on the north side.

The rows may be as long as space permits or individual preferences may call for, and where space is less limited, more rows of favorite sorts may be added or provision made for other vegetables or flowers that may be desired.

The Asparagus, Horse Radish and Rhubarb should be permanent beds,

Among the varieties of vegetables that we recommend, mentioned somewhat in order of planting, are the following:

Tomato, Early—Earliana, Stone (Late).

Cabbage—Early Jersey Wakefield. Late Flat Dutch,

Cauliflower—Early Snowball.

Onion—Bunching and White Portugal.

Pepper—Large Bell or Bull Nose and Chinese Giant.

The above sorts do best when started indoors and transplanted. Others mentioned below may be sown outdoors.

Lettuce—Early Curled Selesia, Black Seeded Simpson.

Lettuce, Cabbage or Heading—Big Boston.

Onion—Yellow Globe Danvers, Southport Red Globe and White Globe.

Radishes—French Breakfast, Early Scarlet Turnip, White Tipped, Early Long Scarlet and Crimson Giant Turnip.

Spinach—Early Giant Thick Leaved and Long Standing.

Parsley—Plain and Champion Moss Curled.

Asparagus—Palmetto and Conover's Colossal.

Peas—Nott's Excelsior and Premium Gem (dwarf) and Champion of England (tall).

Beet—Detroit Dark Red and Crosby's Egyptian.

Corn, Early—Mammoth White Cory, Crosby's Early and Golden Bantam.

Corn, Main Crop—Late Mammoth and Stowell's Evergreen.

Beans, Dwarf Wax Podded—Golden Wax and Black Seeded Wax.

Beans, Dwarf Green Podded—Early Red Valentine and Stringless Green Pod.

Beans, Pole—Kentucky Wonder and White Crease Back.

Cucumber—Early White Spine and Long Green.

Squash, Summer—Mammoth White Bush Scallop and Mammoth Summer Crookneck.

1 ft.	Rhubarb	Horse Radish
4 ft.	Asparagus	Salsify Parsnip
3 ft.	Early Corn	Summer Squash
4 ft.	Main Crop Corn	
2 ft. 2 ft.	Dwarf Peas " "	} Followed by Celery
3 ft.	Early Cabbage and Cauliflower or Brussels Sprouts	
1 1/4	Early Beets (followed by Turnips or Fall Spinach)	
1 1/4	Lettuce (followed by Winter Radish)	Parsley
1 1/4	Onions	Early Radish
1 1/4	Dwarf Beans	" " and Carrott or Endive
3 ft.	Late Cabbage	Pepper
3 ft.	Tomatoes	Pole Beans
5 ft.	Cucumbers, Melons or Late Squash (One or more hills of each).	

Squash, Fall and Winter—Hubbard.
Musk Melon—Improved Jenny Lind and Osage.

Water Melon—Long Light Icing and Tom Watson.

Carrot—Danvers and Chantenay.

Parsnip—Hollow Crown.

Salsify—Mammoth Sandwich Island.

Turnip—Extra Early White, Egg and Early Purple Top, Strap Leaved.

Even a small yard should have its flowers. Plant a few Sweet Peas or some Nasturtiums, either Dwarf or Trailing. Our mixtures of Asters, Pansies, Petunias, Phlox Drummondii, Poppies, Morning Glories, Marigolds, Verbenas and Zinnias, all are easily grown. A few packets of flowers well grown will give an abundant harvest of pleasure.

Each packet of seed gives cultural directions sufficient to insure success under normal conditions.

BEE-KEEPERS' SUPPLIES

WE CARRY A FULL LINE OF THE
A. I. ROOT CO. BEE SUPPLIES
AT THEIR CATALOGUE PRICES

Bee-keeping is one of the most delightful pastimes for both pleasure and profit in the world. Bees combine very well with poultry, fruit-growing, heavy farming, or any of the professions, and yield a good profit.

GLAD TO ANSWER QUESTIONS

We will be delighted to help you and answer questions about your Bees, and any of the materials as Hives, Waxes, Shipping Cases, Extracting Outfits, Frames, Books, and, in fact, anything that a Bee requires.

RIBSAM'S

CORNER BROAD AND FRONT STREETS
TRENTON, N. J.

My Cut-Flower Service

is growing, which is evidence that others think it is good. I am trying to do all that is possible to make this part of my business more satisfactory, if that can be done.

My facilities for securing the finest flowers which grow in this part of the country are unsurpassed. I draw from many sources, from each securing those blooms which seem to be the best grown there.

Flowers for Social Functions

receive my personal attention, as do also funeral designs, of which my establishment shows a satisfactory variety. When anything special is needed, I can get that, too, and very promptly.

Special designs can be secured here for every possible occasion, and the service is as accommodating as it is complete.

Telephoning the Florist



Flowers *Delivered*

to any part of the
United States
through
our

Florist Telephone and
Telegraph System

As to Charges

In larger cities no florist thinks of asking as little as I do. I make the charges as moderate as it is possible to make them. A fair profit is all that is desired, and a fair compensation for labor.

Prices depend entirely upon what is wanted; the time of the year has much to do with it also.

Your Orders are Solicited

upon the broad basis of merit, and I respectfully ask their continuance, pledging continued attention to your wants and my best efforts to please.

MARTIN C. RIBSAM

Phones 111 and 112

Warehouse:

147 East Front Street

CORNER BROAD AND FRONT STREETS

TRENTON, N. J.